THURSDAY
December 15, 2022

BENGALURU
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ADOOR GOPALAKRISHNAN

'We are living in the days of super censor'

First, films are censored by government, and then on social media, says *Vidheyan* director

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Understanding nuclear fusion breakthrough

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Census is a mirror of past and present

India is better off, but more needs to be done

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MESSI MESMERISES

Argentine wave drowns Croatia

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Wholesale price inflation fell to 5.85% in November

Vikas Dhoot
NEW DELHI

India's wholesale price inflation fell sharply to 5.85% in November from 8.4% in October, thanks to a broad-based dip in price rise led by food items whose inflation slipped from 6.5% in October to just 2.2%.

Inflation in primary articles at the wholesale level halved from 11% in October to 5.5% in November, while manufactured products saw price rise easing from 4.4% to 3.6% over the same period.

Fuel and power inflation dropped to 17.35% in November, nearly half the 33.1% recorded in September and lower than October's 23.2% level.

Wholesale price inflation had slipped below 10% for the first time in 19 months in October.

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Hooch tragedy claims several lives in dry Bihar

Officials put death toll at six, while villagers say at least 20 have died; several of the victims lost eyesight, while others are battling for life; family members block highway in protest; three held

Amarnath Tewary
PATNA

Six villagers have died in a suspected hooch tragedy in Saran district in dry Bihar, the district administration said on Wednesday. However, villagers told mediapersons that at least 20 people have died in several villages.

"Three people have been taken into custody," Prohibition, Excise and Registration Minister Sunil Kumar said.

Family members told mediapersons that the victims had gone to the Doyila village market under the Ishuapur block in Chhapra on Monday night and consumed liquor. "Their condition deteriorated on Tuesday and five of them died the same night while others lost their lives on Wednesday morning," said a family member of one of the deceased.

At a loss: Family members of the hooch tragedy victims grieving in Bihar's Saran district on Wednesday. PTI

Irate family members of the deceased blocked the State Highway in Chhapra and disrupted the movement of traffic. They burnt tyres and shouted slogans against the district administration, demanding compensation for the kin of the hooch tragedy victims. They also demanded action against those involved in the incident.

"The death toll will increase by tomorrow [Thursday] as several critically ill people are undergoing treatment in private hospitals secretly for fear of the police," the protesting villagers said. Reports said several of the victims had lost eyesight before breathing their last, while others were struggling for life in hospitals. Four of them have been referred to the Patna Medical College and Hospital.

170 dead this year

Bihar has been a dry State since April 2016 under stringent laws. Official records show that about 170 people died in Bihar from January to November this year due to consumption of spurious liquor.

Chief Minister Nitish Kumar blamed the Opposition BJP legislators when they raised the issue in the Assembly.

CONTINUED ON
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NEARBY

Six staff of BMTC depot took bribe from drivers

BENGALURU
During an investigation, it has emerged that six officials and staff of BMTC Yeshwanthpur depot employees collected bribes ranging from ₹10,000 to over ₹1 lakh from drivers and conductors. » Page 2

Tender process on to extract residual gold at KGF

BENGALURU
Amidst the case against the liquidation of BGML in High Court, the Centre has initiated tender process to extract residual gold from tail dumps, mounds of which are lying in the Kolar Gold Fields. » Page 4

HC imposes ₹5 lakh cost on State govt. for delaying ZP, TP polls

The Hindu Bureau
BENGALURU

The High Court of Karnataka on Wednesday imposed a cost of ₹5 lakh on the State government for delaying delimitation and reservation of seats for zilla and taluk panchayats despite grant of time by the court on several occasions to complete these processes, and thereby frustrating the constitutional mandate of timely holding of elections to these local bodies.

A Division Bench passed the order castigating both the government and the State Delimitation Committee for the inordinate delay. The court was hearing a petition filed by the State Election Commission last year complaining about non-completion of the delimitation and reservation processes.

The court had granted time to compete delimitation and reservation twice over the last one year to the government, which had earlier cited the request from the committee to complete the process.

However, the Bench on Wednesday found that this time the committee had sought three months time from the court to complete the process as the earlier time granted by the court expires on December 18.

CONTINUED ON
» PAGE 3

UG, PG students can now answer bilingually in exam

The Hindu Bureau
BENGALURU

Students at the graduate and postgraduate levels will have the option of writing answers in both Kannada and English in examinations from the ongoing academic year.

The decision was taken at the 23rd general meeting of the State Higher Education Council (SHEC) chaired by Higher Education Minister C.N. Ashwath Narayan on Wednesday.

"At present, students can write answers for a question paper in either Kannada or English. However, the new decision will allow students to write answers for a paper bilingually. This means that some questions can be attended in Kannada and a few others in English, whichever a student feels convenient," the Minister said.

He said the option had already been introduced in polytechnic courses. "Besides this, as per the aspiration of the National Education Policy, to promote higher education in regional languages, it was decided to undertake the translation of qualitative books into Kannada. It was also decided to constitute a high-level committee to make use of technology in achieving this," he said.

CONTINUED ON
» PAGE 3

Opposition walks out of House as govt. refuses to discuss China border tussle

The Hindu Bureau
NEW DELHI

The Opposition parties walked out of both Houses of Parliament on Wednesday after the government declined to allow a discussion on the India-China border issue. In the Lok Sabha, the walkout was led by Congress leader Sonia Gandhi.

As soon as the Zero Hour began, Congress leader of the House, Adhir Ranjan Chowdhury, demanded a discussion on the India-China border situation and gave the example of late former Prime Minister Jawaharlal Nehru allowing a discussion in the Lok Sabha on the India-China war in 1962. "In 1962, when the India-China war took place, Jawaharlal Nehru, had given 165 MPs the chance to speak, and a decision was taken on what to do only after that," Mr. Chowdhury said.

Seeking answers: Members of the Opposition parties protesting in the Lok Sabha in New Delhi on Wednesday. PTI

Speaker Om Birla, however, said a decision could be taken on the matter only in the Business Advisory Committee and continued with the proceedings of the House. As the Speaker continued with the Question Hour, members of the Congress, the Dravida Munnetra Kazhagam (DMK), the Nationalist Congress Party (NCP), the Trinamool Congress and the National Conference (NC), among others, walked out of the House.

Similar scenes were witnessed in the Rajya Sabha. Leader of the Opposition in the House and Congress leader Mallikarjun Kharge said the Opposition parties wanted a detailed discussion to get full information on Chinese aggression and encroachment on Indian territory, and that they stood by the Army.

CONTINUED ON
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NEWS IN NUMBERS

Not enough women in Parliament: Nepal election commission

31 In percentage, the share of women lawmakers in the 275-member Nepal Parliament. This is lower than the 33% reservation mandated for women by the constitution, the country's Election Commission said on Wednesday. Out of the 275 newly elected members to the the House of Representatives, 184 are men and 91 are women. PTI

Rise in production of electronics, says Ministry of Electronics

6.4 In ₹ lakh crore, the worth of electronic production in FY22 while exports from the sector reached an all-time high of ₹1.09 lakh crore, Minister of State for Electronics and IT Rajeev Chandrasekhar informed Parliament. Electronics production in FY21 was over ₹5.44 lakh crore based on data from industry and Directorate General of Commercial Intelligence and Statistics. PTI

Alcohol and drug addiction among children in India

1.58 In crore, the number of children aged between 10 and 17 years addicted to substances in India, the government told the Supreme Court on Wednesday. Citing data from a survey conducted following an apex court order, it said alcohol is the most commonly used psychoactive substance by children followed by cannabis and opioids. PTI

More female students enrolled in UG courses at IITs: MoE

20 The percentage of female students who enrolled for undergraduate courses at Indian Institutes of Technology (IITs) in 2021, as compared to only 8% the previous year, according to data from the Ministry of Education (MoE). There has been consistent improvement in the enrolment of female students in science, technology, engineering, and mathematics courses. PTI

More beneficiaries added to the Orunodoi scheme in Assam

10.54 In lakh, the additional number of people who will benefit from Assam government's second edition of 'Orunodoi', its ₹4,142-crore poverty alleviation scheme. With this, the total number of beneficiaries will come to 27 lakh. The financial outlay for Orunodoi is ₹4,142 crore per annum. PTI

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How gene therapy could cure cancer

Who led the trial for this form of experimental medicine? How does 'base editing' help in curing cancerous T-cells? How does the CRISPR-cas9 system work? Was the treatment a complete success? Does base editing treat blood disorders as well?

EXPLAINER

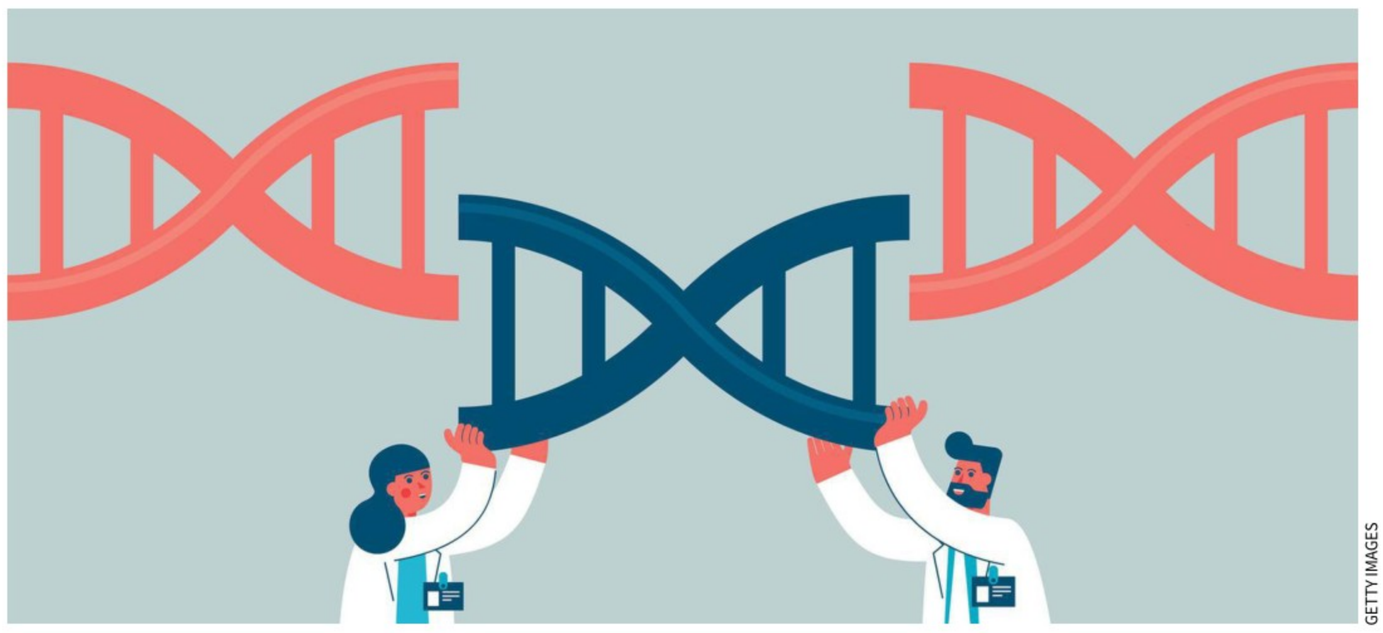
Jacob Koshy

The story so far:
Scientists in the United Kingdom testing a new form of cancer therapy, reported success in a teenaged girl, Alyssia, with a form of cancer called T-cell acute lymphoblastic leukaemia.

What happens in this form of cancer?
In this form of blood cancer, the T-cells, which are a class of white blood cells, equipped to hunt and neutralise threats to the body, turn against the body and end up destroying healthy cells that normally help with immunity. The disease is rapid and progressive and is usually treated by chemotherapy and radiation therapy.

What marked Alyssia's treatment?
The *BBC* reported that Alyssia, 13, tried several of the standard treatments including chemotherapy and radiation but with limited success. Just when it seemed there was no hope, she was enrolled in the trial testing of an experimental medicine. This trial was led by doctors and scientists at the University College, London and Great Ormond Street hospital. Alyssia was the first to receive experimental gene therapy that relied on a new technique called 'base editing.'

What is 'base editing?'
A person's genetic code is several permutations of four bases: Adenine (A), Guanin (G), cytosine (C) and thymine (T). Sequences of these bases, akin to letters in the alphabet, spell out genes that are instructions to produce the wide array of proteins necessary for the body's functions. In Alyssia's case, her T-cells – perhaps because of a mis-arrangement in the sequence of bases – had become cancerous. A way to correct this mis-arrangement could mean a healthier immune system. In the last two decades, the world of biomedical engineering has been enthused by a technique that allow genes to be altered and errors 'fixed.' The most popular among these approaches has been the CRISPR-cas9 system.



GETTY IMAGES

Inspired by how certain bacteria defend themselves against viruses, by snipping out and storing pieces of their genes, the CRISPR-cas 9 system, consists of an enzyme that acts like molecular scissors. It can be made to cut a piece of DNA at a precise location and a guide RNA can be used to insert a changed genetic code at the sites of incision. While there are a few ways to effect such changes, the CRISPR-cas9 system is believed to be the fast, most versatile system to effect such gene editing. David Liu, of the Broad Institute, Massachusetts has improvised on the CRISPR-cas9 system to be able to directly change certain bases: thus, a C can be changed into a G and T into an A.

While still a nascent technology, base editing is reportedly more effective at treating blood disorders which are caused by so-called single point mutations, or when a change in a single base pair can cause terminal disease.

How did base-editing work for Alyssia's therapy?
The objective of the gene therapy in the case of T-cell leukamia was to fix her immune system in a way that it stops making cancerous T-cells. First, healthy T-cells were extracted from a donor and put through a series of edits. The first base edit blocked the T-cells targeting mechanism so it would cease attacking Alyssa's body, the second removed a chemical marking, called CD7, which is on all T-cells and the third prevented the cells being killed by a chemotherapy drug. Finally, the T-cells were programmed to destroy all cells – cancerous or protective – with CD7 marked on it. After spending a month in remission, she was given a second donor transplant to regrow her immune system that would contain healthy T-cells.

How effective was the treatment?
Three months after the treatment, her cancer seemed to resurface but the most recent investigations suggest no signs of it, according to the *BBC*. Alyssia was one of 10 people enrolled in the trial to receive the treatment.

It has been 1.5 years since she was first diagnosed with the disease and whether the treatment has reliably and entirely fixed her immune system, remains to be established.

THE GIST

- Scientists in the United Kingdom testing a new form of cancer therapy, reported success in a teenaged girl, Alyssia, who has T-cell acute lymphoblastic leukaemia. Alyssia was the first to receive experimental gene therapy that relied on a new technique called 'base editing.'
- The objective of the therapy in the case of T-cell leukamia was to fix her immune system in a way that it stops making cancerous T-cells.
- Three months after the treatment, her cancer seemed to resurface but the most recent investigations suggest no signs of it, according to the *BBC*.

Why are India's slowing exports a cause for concern?

How are other export-dominated countries faring? Why is the government optimistic that domestic demand will counter the effects of declining exports?

K. Bharat Kumar

The story so far:
India's exports declined about 16.7% in October compared with the year-earlier period. This is the first slide reported for any month since February 2021. October imports rose at a much milder pace than earlier, most likely because of softening commodity prices worldwide, and trade deficit widened by as much as 50%.

How is the export sector faring?
Engineering goods, which have lent a strong shoulder to India's goods exports in recent years, slid 21%. The Engineering Export Promotion Council of India Chairman Arun Garodia attributed the slowdown to high inflation in developed regions, falling demand in China, slowdown in the EU and the U.S. and the Russia-Ukraine war. The Commerce Ministry pointed out that for October, a decline of $2 billion worth of exports was seen in steel and allied products, highlighting the fact that the government had levied an export duty on these products to help increase local availability and hence temper local prices. The government has since removed this duty. The Ministry also highlighted that in the month of Diwali every year, workers tend to take leave, thus impacting output. Therefore, one should wait and see whether export decline was only a blip or whether it was a trend that would stay.

What about other exporting nations?
Vietnam, an export-dominated country, recorded a 4.5% growth in exports from a year earlier to $29.18 billion amid 'sustained foreign demand', according to tradingeconomics.com. Similarly, exports by the Philippines grew 20% in October. The government there had said that exports rose for the first time in three months in September amid what it calls 'signs of reviving foreign demand'.China is an outlier this year because of stringent lockdowns that are impacting manufacturing output, though lockdowns are being eased currently following protests against restrictions.

Is domestic demand enough?
The monthly Finance Ministry review for October acknowledges a slowing export scenario but emphasises that domestic demand will carry through. The report states that the global slowdown is driven by a 'confluence of stubbornly high inflation, rising borrowing costs and geopolitical tensions', but cites local demand as being 'resilient'. It also expects a 're-invigorated' investment cycle which will spur growth and job creation in the coming days.

Interestingly, the Ministry says that recently, inflation has been driven up more by local factors, including higher food prices, than imported reasons and that those pressures are set to dampen thanks to easing international commodity prices and the arrival of Kharif crop. (Retail inflation has been consistently above 7% these past few months, but stood at 6.8% in October). Sure enough, consumer inflation eased to 5.88% for November. In the monthly report, the Ministry also pinned hope on the fact that the last month saw the lowest sign-ons this year for the employment guarantee scheme MGNREGS. It is hoping that a spike in tractor sales in September and October reflects improved sentiment.

One seemingly positive signal for the economy is the private sector capital expenditure which Chief Economic Adviser V. Anantha Nageswaran says is on track to touch six lakh crore this fiscal which would make it the highest of the past six years. Private capex typically depends on credit, or loans, from the banking system. And that has seen a healthy growth in the recent past touching a high of 18% last month. There have been reports of banks scrambling to gather deposits, with videos of managers and their teams walking the streets announcing deposit rates to help mobilise funds for credit growth. Whether this credit growth is due to inflation and low base effect from last year, remains to be seen over the coming months.

What about our foreign reserves?
For the week ended December 2, foreign exchange reserves stood at about $561 billion. If we take October imports at $56.7 billion (an eight-month low) as a benchmark, then we have roughly about 9-10 months' worth of import cover which isn't as healthy as the 14-to-15-month cover that we had seen during the pandemic. However, economists feel this isn't as bad as 2013 when foreign investors began pulling out of India's financial markets. At that time, we had less than seven months' worth of import cover. And if anything, forex reserves have been rising in recent weeks signalling hope for the future.

THE GIST

- India's exports declined about 16.7% in October compared with the year-earlier period. This is the first slide reported for any month since February 2021.
- The monthly Finance Ministry review for October states that the global slowdown is driven by a 'confluence of stubbornly high inflation, rising borrowing costs and geopolitical tensions'.
- One seemingly positive signal for the economy is that the private sector capital expenditure is on track to touch six lakh crore this fiscal.

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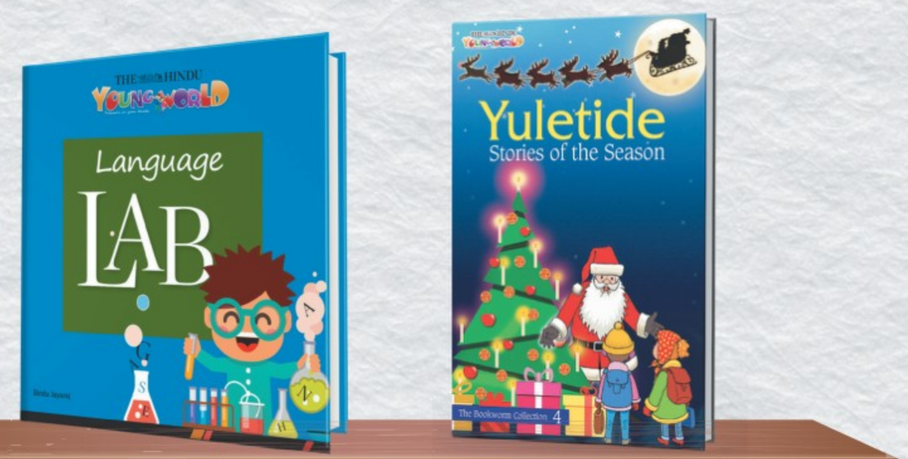

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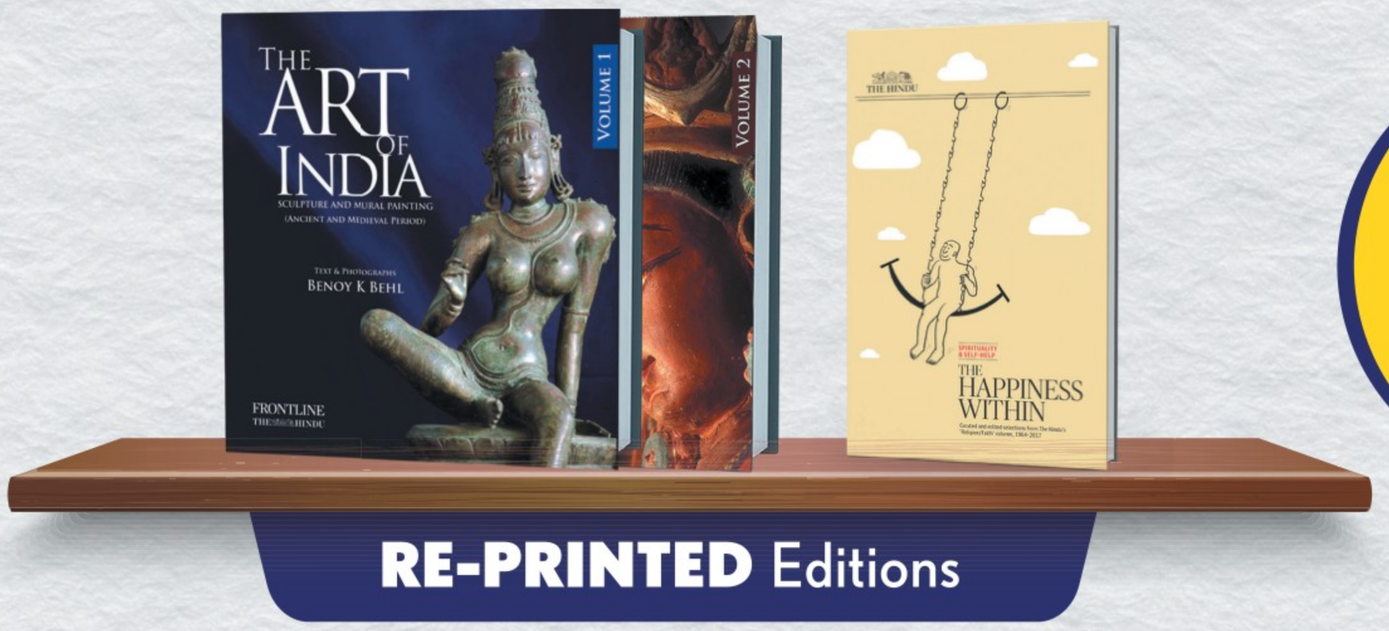

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Six staff of BMTC depot collected ₹10,000 to ₹1L bribe from drivers

From October 2020, a total of 20 cases of Bangalore Metropolitan Transport Corporation officials and other staff receiving money through online modes have been reported

The Hindu Bureau
BENGALURU

More skeletons have begun to tumble out of the closet following the suspension of six officials and staff of the Bangalore Metropolitan Transport Corporation's (BMTC) Yeshwanthpur depot, who were allegedly accepting bribes from drivers using digital modes.

Drivers and conductors were allegedly forced to pay bribes ranging from ₹100 to ₹500 for being granted leaves, allotting bus routes, to give 'favourable report' on the condition of the bus after drivers come back to the depot completing trips, and other purposes.

During the investigation by the security and vigilance cell of the corporation, it has emerged that the suspended employees collected bribes ranging from ₹10,000 to over ₹1 lakh from drivers and conductors.

Radhika G., Director (Security and Vigilance) of the BMTC, said: "Based on the complaints against officials and staff of the Yeshwanthpur depot, we carried out an inquiry and found out that some of the staff members received bribes online. When we checked and inquired about the digital transactions of the accused, they did not have proper explanations. There was digital transaction evidence that showed drivers had paid money to the accounts of the accused. Based on the outcome of the investigation, six have been suspended."

Drivers and conductors were allegedly forced to pay bribes ranging from ₹100 to ₹500 for being granted leaves, allotting bus routes, and other purposes. FILE PHOTO

The official maintained that the security and vigilance cell of the BMTC carries out this kind of vigilance activities on a regular basis and action is initiated against those found indulging in corrupt practices. Those suspended are supervisory officials who check attendance of the bus crew, condition of the bus, diesel mileage and others.

The official said that from October 2020, a total of 20 cases of officials and other staff receiving money through online modes have been reported.

In these cases, the corporation had taken disciplinary action against the staff. In 20 cases, the official and staff involved received over ₹ 12 lakh from the drivers and conductors, the official said.

"Over the years, the BMTC has introduced several mechanisms for granting leave and other regular offs. However, to make a quick buck, some staff started exploiting the loopholes such as delaying entry of attendance of the crew. As and when we come to know about these issues, the management takes measures to rectify the same through an IT driven system," she added.

It is also said that at some of the depots, some officials are insisting that the bus crew transfer money by visiting nearby shops and transfer money to the account of shop owners. "We have received complaints on this and are investigating the same," the official said.

The BMTC has a workforce of over 30,000, out of which majority are drivers and conductors.

In the past, there have been several instances of drivers and conductors allegedly committing suicide after alleging they were subjected to harassment by their higher ups in the depots.

In August, several organisations had staged a protest at Rajarajeshwari depot after a driver Holabasappa Chinchanakandi allegedly committed suicide accusing the depot manager of harassment.

ED seizes movable and immovable properties of Heera group in money-laundering case

The Hindu Bureau
BENGALURU

The Directorate of Enforcement (ED) has provisionally attached immovable and movable assets worth ₹78.63 crore under the Prevention of Money Laundering Act, 2002 (PMLA), including properties worth ₹37.58 crore of a Hyderabad-based firm, SA Builders & Developers.

The ED also recovered a bank account with ₹41.05 crore from Syed Akhtar, partner of SA builders through Bengaluru-based Neelanchal Technocrats Pvt. Ltd. of Sallarpuria Group, said a release.

The release said ED registered a money-laundering case in 2018 against Nowhera Sheik, owner of Heera group of companies in Hyderabad, and others, who had collected more than ₹5,000 crore from the public, but failed to repay even the principal amount.

Investigation revealed that Ms. Sheik had transferred ₹148 crore to one M/s SA Builders and Developers for purchasing properties situated at Tolichowki, Hyderabad. But properties only worth ₹70 crore were actually registered, which were earlier attached in the hands of Heera Group. The remaining funds of ₹78 crore, which were part of crime proceeds, were found to be parked with the M/s SA Builders and Developers, said the release.

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SALE NOTICE - for Sale of Immovable Properties

E-Auction Sale Notice for Sale of Immovable Assets under the Securitisation and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 read with proviso to Rule 8 (6) of the Security Interest (Enforcement) Rules, 2002 .

Notice is hereby given to the public in general and in particular to the Borrower (s) and Guarantor (s) that the below described immovable property mortgaged/ charged to the Secured Creditor, the constructive/physical possession of which has been taken by the Authorised Officer of Rajapalayam of the Canara Bank., will be sold "As is where is", "As is what is", and " Whatever there is" on **25/01/2023** for recovery of **Rs.12,49,27,544.41** (Rupees Twelve Crores Forty Nine Lakhs Twenty Seven Thousands Five Hundred Fourty Four And Paise Forty One only) due as on 12/12/2022 with further interest and cost to the **Rajapalayam Branch of Canara Bank** from **M/s Chandra & Co** Represented by its Partner **Mr B Muruganantham & Mr.A.Alex Anburaj , Mr.P.Bose,** S/o. Pothi Nadar, **Mr.B.Muruganantham,** S/o Bose, **Mr.A.Alex Anburaj,** S/o. Arul Jeganathan, **Mrs.Mercy Aruna,** W/o A .Alex Anburaj.

Details of the immovable property (ies):

I) Name of the Title Holder - Mr.A Alex Anburaj, S/o R Arul Jeganathan & Mrs V Mercy Aruna, W/o Mr A Alex Anburaj.

SCHEDULE - A : All that piece and parcel of immovable property comprising of land with structure thereto earlier bearing site Nos.5 and 6 part of katha No.810, thereafter allotted Katha No.1633/B/810/B, Kodihalli, HA sanitary Board and assigned Corporation No.19, Rustom Bagh Main Road, Kodihalli in Corporation Ward No.19, Rustom Bagh Main Road, Kodihalli in corporation ward No.73, Varthur Hobli, Bangalore East Taluk and **bounded on the:-** North by : Private Property, East by : IAF Property, South by : Private Property, West by : Plot No.42. Totally measuring about 6615 Sq.ft.,

SCHEDULE B - 260.71 Sq.ft., Undivided share, rights, title and interest in the immovable property more fully mentioned and described in the Schedule 'A' above. The Total site area of the Schedule 'B' Property herein conveyed works out of 260.71Sq.ft.,

SCHEDULE 'C' - Apartment being No.603 in Fifth Floor having super built up area of 1196 Sq.ft., together with a car parking space in the basement of the multistoried building known as **"OXFORD MANOR**' constructed with RCC Roofing, Mosaic Flooring, Sal Wood and Steel Windows at composite property more fully mentioned and described in Schedule 'A' above together with proportionate share in all common areas and entitled to all common facilities. The schedule 'B' and 'C' property mentioned above has been assessed and allotted separate Corporation No.19/22 Rustam Bagh Main Road, Kodihalli in Corporation Ward No.73, Bangalore under a Special Notice No.ARO(JBN)DA73/KTR-847/1999-2000 dated 17-04-2000 issued by the Assistant Revenue Officer, Jeevanbeemanagar Range, Bangalore, Mahanagara Palike.

II) Name of the Title Holder - P.Bose, S/o Pothi Nadar & B Muruganantham, S/o P Bose.

Virudhunagar District, Virudhunagar Registration District, Seithur Sub Registration District, Seithur Village, Seithur Panchayat, Old ward No.10, New Ward No.5, Dhalavaipuram Road Northern side in Door No.5D/4, site measuring east west on the north by 113 ft, on the south by 102 ½, North South on East by 68 ft, on the West by 71 ½ ft thus totally measuring 7515.5625 sq.ft with R.C.C house building constructed therin doors, windows, superstructures, E.B Service connection No.JVN.639 fitted with ½ H.P Motor Pumpset bearing **bounded on the :-** West by - Compound wall of A.S.P.G. Subbiah Nadar, East by - East West 16 ft North South Street, South by - House belongs to Teacher Niraipandi, Common lane and vacant site belongs to Anantharamakrishnan., North by - Sizing building belongs to P.M.R. Subbiah Nadar and Common lane. The said property situated in Survey No.446/4 New Natham Survey No.446/4D. out of 1.33 acres western side northern end land measuring 13 ½ cents.

III) Name of the Title Holder - M/s Chandra and Co.,

Virudhunagar District, Virudhunagar Registration District, Seithur Sub Registration District, Chettiarpatti Village, Punja Survey No.284/2, 285/2B, 286/2B2C, plotted out as house sites namely Krishna Nagar providing roads etc., and the same was approved by the Town planning Deputy Director, Madurai in their preceedings 7/2003 dated 5.3.2003 and the same was again approved by the Executive Officer, Chettiarpatti Town Panchayat dated 21.1.2004 in this plot Nos.3 and 4 with terraced buildings windows etc. House bearing Door Nos.55B1/E, 55B1/F and 55B1/G measuring east west 70 feet, north south 60 feet thus totally measuring 4200 sq,ft **bounded on the :-** West by - Vacant site i.e plot no.2 belongs to K.Mahadevan Vagaiyara, North by - East West Street belongs to Chettiarpatti Town Panchayat, East by - Vacant site i.e plot no.5 belongs to K.Mahadevan Vagaiyara., South by - Vacant site i.e plot nos.11, 12 belongs to K.Mahadevan Vagaiyara. The above said property situated in Survey No.284/2, Naidu South Street, Ward No.5 and Chettiarpatti Town Panchayat.

IV) Name of the Title Holder - B. Muruguanantham, S/o Bose. Virudhunagar District, Virudhunagar Registration District, Seithur Sub Registration District, Puthur Village, **1)** S.No.1061/3. measuring 0.11.5 hec. In which except 2 cents left for North East Channel the remaining 0.10.7 hec. **2)** S.No.1061/4. measuring 0.11.5 hec. **3)** S.No.1061/5. Measuring 0.12.0 hec. **4)** S No.1062/1E1, Measuring 0.00.5 hec. **5)** S.No.1062/1E2. Measuring 0.05.5 hec. **6)** S.No.1062/1F1. Measuring 0.01.0 hec. **7)** S.No.1062/1F2, Measuring 0.05.0 hec. Sum of 7 item of property totaling 0.46.2 Hec. Of 1 acre 14 cents of land **bounded by :-** North by : Punjai belongs to Periyakodangi Thevar, East by : South North Road, South by : Punjai belongs to Periyakodangi Thevar & Punjai land belongs to Kaniappan and others. West by : Punjai belongs to V. Chellasamy, Measuring 1 Acre 14 Cents.

Property Details	Reserve Price in Rs.	Earnest Money in Rs.
Residential Flat @ Bangalore	66,00,000/-	6,60,000/-
House @ Seithur	98,00,000/-	9,80,000/-
Land & Factory building @ Chettiyarpatti village	1,96,91,000/-	19,69,100/-
Vacant land @ Puthur village	30,78,000/-	3,07,800/-

E-Auction Date : 25.01.2023 & The Earnest Money Deposit on or before 24.01.2023 at 4.00 p.m.

For detailed terms and conditions of the sale please refer the link provided in Canara Bank's website **www.canarabank.com** or may contact **Chief Manager, Canara Bank, Rajapalayam Mob. No: 94890 46326, Telephone : 04563-220708 or Regional Office, Thoothukudi Ph No: 0461-2310907** during office hours on any working day.

Place : Rajapalayam
Date : 13.12.2022

Authorised Officer
Canara Bank

PUBLIC NOTICE

This is to inform to the general public that my client **Mr. CUDDAPAH R GURUPRASAD S/o C.S. Rama Chandra Rao,** is the absolute owner of the schedule property as shown in the schedule hereunder.

Recently my client came to know that, some persons without having any right or authority, are trying to create and fabricate documents in respect of the schedule property without my client's knowledge and also my client has not executed any document with any person

Hence, the public are hereby informed, not to enter into any transaction with any one, in respect of the schedule property other than my client. Such transactions are not binding on my client.

SCHEDULE PROPERTY

All the piece and parcel of the site bearing **No. 41 New No. 1,** property bearing E Katha No. 150200101800400579, formed out of Sy No. 547/3, Kath No. 268, residentially converted measuring East to West 122.5 feet and North to South 131.5 square feet, **totally 16,109 square feet,** situated at **Marasuru Village, Anekal Taluk, Bangalore District** and bounded on:

East By : Remaining land in Sy. No. 547/3,
West By : 60 feet Road,
North By : Sy. No. 547/1,
South By : Other Site Nos. 2 to 7 in this Sy.No.547/3

DASTAGIR .J.A. & ASSOCIATES
ADVOCATES
213/B, 1st Floor, 6th Cross, 1st Main Road, Bapuji Nagar, Mysore Road, Bangalore-26
E-mail: dastagirja@gmail.com
Mob: +91 97426 19276, 97436 13116

PUBLIC NOTICE

My client **Smt. K.SHARADA,** 54 years, W/o. S.Krishnamurthy @ Krishnappa, No.60, Old No.37/38, Kabhir Mutt Road, Sunkenahalli, Hanumanthanagar, BANGALORE - 19, has lost/ misplaced original SALE DEED dated 27-10-1950, document No.2461/1950-51, of Book-1, Volume - 1096, at pages 64 to 67, in office of Sub Registrar, Bangalore City.

A police complaint has been lodged on 25-11-2022, through online portal of KARNATAKA STATE POLICE, Police Unit: Bangalore City, vide Lost Article Report No.0395108/2022, complaining about loss/ misplacement of said document. If any person/s, Institution/s, Bank/s, Firm/s, etc., were to trace or holding the original SALE DEED or have got any right, title, interest or claim on Schedule Property on the basis of such lost documents, the same may be informed/communicated to me with related documents, within **7 days** from today. Failing which no claims shall be entertained thereafter, which shall be deemed to have been waived off.

SCHEDULE: House Property bearing Municipal **No.60,** Old No. 37/38, later No.6/54, SUNKENAHALLI, HANUMANTHANAGAR, BANGALORE 560 019, BBMP PID No.49-78-60, and CHALTA No.76, in PT SHEET No.685, in the City Survey Office, Bangalore, and site is measuring **East to West: 32 feet, and North to South: 14 feet.**

H.G. RAJASHEKAR, Advocate,
No.39/2, 1st Floor, ASVNV Bhavan, Kempe Gowda Road, Bangalore 560 009.
Ph: 41139955, email: raj.law@gmail.com.

Bharat Coking Coal Limited
A Mini Ratna Company
(A Subsidiary of Coal India Limited)

NOTICE

All the tenders* issued by Bharat Coking Coal Limited (BCCL) for procurement of Goods, Works and Services are available on website of BCCL **www.bcclweb.in**, Coal India Limited (CIL) e-procurement portal **https://coalindiatenders.nic.in** and Central Public Procurement Portal **https://eprocure.gov.in**. In addition, procurement is also done through GeM portal **https://gem.gov.in**.

*This is applicable to all Open (Domestic/Global) Tenders issued thorugh e-procurement portal of CIL.

ODISHA POWER TRANSMISSION CORPORATION LIMITED
(A Government of Odisha Undertaking)
Regd. Office: Janpath, Bhubaneswar-751022
CIN:U40102OR2004SGC007553

TENDER ALERT

1)E-Tender Call Notice No.CPC.29/2022-23: Tenders are invited from manufacturers in two part bidding system for procurement of different size control cables.

Complete set of bidding documents are available on the tender portal: **www.tenderwizard.com/OPTCL** portal, and OPTCL's official website: **www.optcl.co.in** from 15.12.2022, 12.00Hrs to 05.01.2023, 15.00Hrs.

HIPR-41/2022-23 **Sd/- SGM (CPC)**
CAD-4127 OIPR-04011/11/0139/2223

Karnataka Digital Economy Mission
An initiative of the Dept. of Electronics, IT, Bt and S&T, GoK
Telephone: +91 94465 67074 | Email: gm.admin@karnatakadigital.in

TENDER SEARCH CODE: KDEM-2022-TN000002 Date: 13 December 2022

e-Tender Announcement

KDEM invites Request for Proposal (RFP) from interested bidders, open to eligible Architects to design a facility, as per Class A infrastructure standards.

Commencement date of receipt: 13 December 2022
Last date of submission through e-procurement: 27 December 2022

Applications to be submitted through KDEM's E-Tender portal: www.bharat-electronictender.com

KARNATAKA HOUSING BOARD
3rd Floor, Cauvery Bhavan, Bengaluru-560009.

TENDER NOTIFICATION
(Through E-Procurement Portal)

Karnataka Housing Board invite Tender from the eligible Contractors who are Empanelled & also willing to Empanel in Karnataka Housing Board through E-Procurement for below mentioned work.

Sl. No	Name of Work
1	Upgradation / Renovation works for Government First Grade College at Bidar District under RUSA 2.0 Scheme. Work Indent No: KHB/2022-23/BD/Work_Indent 1093/ & IFT No. 224/2022-23 Date: 12.12.2022 Amount Put to Tender Rs. 43,39,466.00
	Last Date for Submission of Bid: 26.12.2022 upto 4.00 PM.

For Further information, contact below mentioned office address: **Executive Engineer, Karnataka Housing Board, Cauvery Bhavan, Bengaluru. Phone: 080-22273511 / 080-22100077 Website: https://eproc.karnataka.gov.in**

Sd/-
Executive Engineer,
Karnataka Housing Board

DIPR/CP/3531/AAA/2022-23

Proclamation for person Absconding
Section 82 Cr. P. Code

IN THE COURT OF JUDICIAL MAGISTRATE FIRST CLASS 'A' COURT AT MAPUSA GOA.

Criminal Case No. 383/S/2017/C/A

State (Anjuna Police Station), ...Complainant
Versus
Krishna Divining & 1 anr., ...Accused

WHEREAS a complaint has been made before this Court that the Accused no. 1 - Krishna Divining S/o. Sunandraj Divining, r/o Rauta Wado Nerul Bardez Goa n/o H No 182 Kiranguru S R Patna TQ Mandya Karnataka has committed or is suspected to have committed the offence punishable Under section 454, 457, 380 r/w 34 of IPC and a warrant of arrest issued by this Court against the accused has been returned unexecuted and that the said Accused no. 1 Krishna Divining S/o. Sunandraj Divining, r/o Rauta Wado Nerul Bardez Goa n/o H No 182 Kiranguru S R Patna TQ Mandya Karnataka, cannot be found and whereas it has been shown to my satisfaction that the Accused no. 1 Krishna Divining S/o. Supandraj Divining, r/o Rauta Wado Nerul Bardez Goa n/o H No 182 Kiranguru SR Patna TQ Mandya Karnataka, has absconded.

PROCLAMATION is hereby made that the said Accused no.1 Krishna Divining S/o. Sunandraj Divining, r/o Rauta Wado Nerul Bardez Goa n/o H No 182 Kiranguru SR Patna TQ Mandya Karnataka is required to appear before this Court on **09.01.23 at 2.30 pm**

Given under my hand and the seal of the Court, this 18th day of November 2022

(Shilpa S. Pandit)
JMFC, 'A' Court,
Mapusa-Goa

DI/ADVT/1569/2022

"Wear Mask, Follow Physical Distancing, Maintain Hand Hygiene"

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PERSONAL

CHANGE OF NAME

I, Srinivas Prasad G alias Srinivasa Prasad Gundachar alias Sreenivasa-prasad G alias Sreenivasa Prasad Gundachar S/o Gundachar , residing at 603 H-Tower Mantri Alpyne, Uttarahalli Kengeri Main Road, Subramanyapura, Bengaluru, Karnataka - 560061, changed my name to Srinivas Prasad Gundachar for all purposes in future.

I, NANDA Kumar Ramnath Balkrishna, R/a No.28A, Samruddhi, 2nd Floor, Krishna Residency Layout, 2nd Block, 2nd Phase, Channasandra, BSK 5th Stage, Bangalore-560098 have changed my name to Nandhkumar Ramnath Bala Krishna vide affidavit dt: 14.12.2022 sworn before Notary K.V.Mani, B'lore.

I. Sunita is legally wife of Army No. 6494181L Rank Hav/Malagouda Patil unit 877 at BN ASC declare that I have changed my name from Sunita to Sunita Patil inclusion of surname of as per adhar card & Pan card vide Affidavit befor Vinod B Patil B.Sc.LLB.(Spl) Advocate notary at Chikodi Dated: 03 Oct 2022.

I, GANESH.S S/o G. Shivalingam, R/o #120/1, Rama Temple Street, Cox Town, Jeevanahalli, Bangalore North, Bangalore, Karnataka–560005. Have Changed My Name to Rohith.S

I, SHAHZAMI Khan Zakir Khan, R/a No.K-307, 3rd Floor, 1st Main Road, 2nd Cross, Venkategowda Layout, Hebbal, Bangalore-560024 have changed my name to Shahzami Khan vide affidavit dt: 14.12.2022 sworn before Notary K.V. Mani, B'lore

PERSONAL

CHANGE OF NAME

I, RASHIKA Noorain Zakir Khan, R/a No.K-307, 3rd Floor, 1st Main Road, 2nd Cross, Venkategowda Layout, Hebbal, Bangalore-560024 have changed my name to Rashika Noorain vide affidavit dt: 14.12.2022 sworn before Notary K.V. Mani, B'lore

I, ZAKIR Khan Abdul Gaffar Khan, R/a No.K-307, 3rd Floor, 1st Main Road, 2nd Cross, Venkategowda Layout, Hebbal, Bangalore-560024 have changed my name to Zakir Khan vide affidavit dt: 14.12.2022 sworn before Notary K.V. Mani, B'lore

THANKSGIVING

ST JUDE Thanks for listening to my prayers. Please Bless always. Dilna

LEGAL NOTICE

Before the Motor Accident Claims Tribunal of palakkad
O.P.M.V.1969/2018

Roshan Kashinath - **Petitioner**
Vs
Jaseena Mubarak, W/o Mubarak. K.V, C/o.M/s.Golden Tours and Travels, Near National Cinema Hall A-Sector, Naharlagun, Papumpare, Arunachal Pradesh - **1st Respondent**

Please take notice that the above claim petition stands posted on **28.12.2022.** If you fail to attend the court on the same date at 11 A.M you will be set exparte.

Dated 12th day of December 2022
(N.Abhilash, Advocate Thenkurissi, Palakkad)

LEGAL NOTICE

IN THE COURT OF THE XXXI ADDL CITY CIVIL JUDGE (CCH-14) AT BANGALORE
ORIGINAL SUIT NO. 7327 OF 2019
(CCH-14)

Between
ICICI Bank Ltd.,
A body corporate incorporated And registered under the Indian Companies Act 1956 and licensed As a Bank under the Banking Regulation Act 1949 having Registered Office at: "Landmark", Race Course Circle, Vadodara- 390007. And having its Regioal office at ICICI Bank Ltd., # 4/10, 1st Floor, Mythree Tower, Bommanahalli, Hosur Road, Bangalore- 560 068 and Represented by its POA holder and Collection Manager Mr. Pramodh G, S/o Gurumallappa, Age: 45 Years.
...Plaintiff

AND :
Mr. Ajay M **...Defendant**

Summons to the defendant by way of paper publication

To,
Defendant:
Mr. Ajay M,
Aged about 55 years, Son of Mahindrakar A, R/at.Vadahuru Village, Kembodi Post, Near Govt. School, Bangalore-563103.

Whereas the Plaintiff above named has filed a suit under Order VII Rule 1 of the Civil Procedure Code for recovery of Rs.3,68,868/- (Rupees Three Lakhs Sixty Eight Thousand Eight Hundred And Sixty Eight Only) together with interest at the rate 18% p.a. from date of due to till the date of realization. You are hereby summoned to appear before this Hon'ble Court (CCH-14) in person or by a pleader on the **23rd Day of January 2023** at **11.00 am** to show cause against the suit, and failing wherein the suit will be heard and determined exparte.

Given under my hand and seal of the Court this 7th day of November 2022.

ASSISTANT REGISTRAR CITY CIVIL COURT, Bangalore

Advocates for Plaintiff
S.M. ANEES AHAMED,
B.M. KUSHALAPPA,
Advocates,
No.4 (10/2), West Park Road,Kumara Park East, Bangalore- 560001.

LEGAL NOTICE

IN THE COURT OF HON'BLE 40th Addl CITY CIVIL JUDGE (CCH No.41) AT BENGALURU
O.S. No. 115/2022

BETWEEN: Sri. Vishan Rajan Kumar alias V. Rajan Kumar Aged about 66 years, S/o. late Sri. V.S. Gangal, C/o. Sri. Rajiv Kumar Vishan, 301, Block 6, Heritage Estate, Yelahanka, BENGALURU 560064
Also at: Sri. Vishan Rajan Kumar alias V. Rajan Kumar Flat # 404, Aditya Windsor, Ramalaya Temple Road, Whitefields, Kondapur, HYDERABAD 500084 **PLAINTIFF**
AND Mrs. Sheetal Nenavat and another
DEFENDANTS

Mrs. Sheetal Nenavat, Major, W/o. Mr. Manohar Nenavant, Proprietrix - Silver Shelters, No. 7/1, 1st Floor, 1st Cross, Opposite Munishwara Temple, B.Channasandra BENGALURU 560043. Also at: Mrs. Sheetal Nenavat, Major, W/o. Mr. Manohar Nenavant, C/o. Lakshma Nayak, Flat No.302, 3rd Floor, RamK1Marvel Apartments, Gajularaman, Kukkatapalli, HYDERABAD **DEFENDANT No.1**

Whereas the plaintiff has instituted a suit against you for ejectment, arrears of rent, damages and other reliefs in respect of the Schedule Property. You the defendant no.1 are hereby summoned to appear before this Court on **21.01.2023 at 11:00AM** in person or through advocate/pleader to answer all such questions relating to the above proceedings, failing which the suit will be heard and determined ex-parte.

SCHEDULE PROPERTY

All that piece and parcel except single room on 2nd floor of house property bearing No. 35, 3rd Street, 1st Main Road, (old site no.12, House List Khata no.121/2), Bank Avenue, Babusapalya, Bengaluru 560043 consisting of three bed rooms, hall, kitchen, one attached and one common bathroom, semi- furnished with wardrobes in all bedrooms and kitchen with cupboards; and with all fittings and fixtures, construed on ground + two floors, on site measuring East to West 30 feet, North to South 40 feet, admeasuring 1,200 sq. ft., and bounded on the: **East by:** Road
West by: old House Site no.1
North by: old House Site no.11
South by : old House Site no.28
Fittings and fixtures: 1. Ceiling Fan (5 nos.) 2. Tube lights (5 nos.) 3. Geyser (2 nos.), 4 Light Fixtures (0 nos.), 5. CFL (0 nos.), 6. Set of keys.

Given under my hand and seal of the Court on this 29th day of November 2022.

By order of the court
Sd/- Assistant Registrar
City Civil Court Bangalore

ADARSH GANGAL Advocate for plaintiff
401 Fourth Floor, Kalpak Arcade, 46/27, Church Street, Bengaluru 560001

PUBLIC NOTICE

DOCUMENTS LOST

I, **A.G.HARINATH REDDY,** aged about 30 years, S/o A. CHENNAREDDY, Residing at No. 143, Classic Orchard, Phase-2, J.P.Nagar 8th Phase, Bengaluru - 560076, do hereby inform to the general public that while carrying the bag containing the Original Title Deeds pertaining to Sy.No.45/2 of Kothanur Village, Uttarahalli Hobli, Bengaluru particularly the Original Sale deed dated 05-04-2013 Registered as Document No. BMH-1-00246/2020-21 and other documents in my Scooter have been Lost/ misplaced. Inspite of my best efforts I could not trace the same and in this regard on 2-12-2022, I had lodged complaint at Police Unit, Bengaluru City, vide Lost Report No. 0403158/2022. If anybody finds the above said documents or is in possession, please handover the same to the above said address or contact me on 9880455588

FROM THE ARCHIVES

At odds: Indian Prime Minister Narendra Modi and Chinese President Xi Jinping at the BRICS summit in Goa, India in 2016.AP

The race of two Asian giants: the story of India and China so far

There is little doubt that the actions of both China and India will determine the region in the next decade. But it is likely that they will do so in wary opposition to each other, and not as part of a wider Asian power bloc; the sort that Nehru might have imagined back in 1947

Rana Mitter

As tensions yet again rise on the India-China border, this article dated August 15, 2022 by Rana Mitter explains how the two neighbouring countries, for better or for worse, will shape Asia in the next decade.

Last month, a United Nations population survey estimated that a milestone may be passed in 2023. For the first time in over two millennia, China will not be the most populous society on earth. Instead India will have the largest population, and China will be second.

It's a rare example of a global ranking where India sits higher than China, and it's an ambivalent victory at best: a larger population does not have merit in itself, unless it is well-fed and endowed with economic prospects. China has other number 2 rankings which may raise its standing, such as the second largest economy in the world. It is not second to India but the U.S. This is a reminder of how far the two Asian giants have come since their moments of profound political change in the late 1940s: independence for India in 1947, and the victory of the Chinese Communist Party and establishment of the People's Republic of China (PRC) in 1949. In global power terms, China now looms above India, but the fluidity of geopolitics in the 2020s may give India advantages in the world now being shaped.

Different directions

The world of the late 1940s was one where global order was just as much in turmoil as in the present day. India had become the first major British colony to gain freedom, and its new leader, Jawaharlal Nehru, saw the fate of India as important not only for his country's own people but also for the other, still-colonised peoples of Asia. Although the violence of Partition cast a bloody cloud across the landscape, the establishment of India as a multi-party electoral democracy with a free media was a foundation stone of the secular politics that Nehru embodied, and wanted an independent India to represent. China's fate at that time was also marked by violence, but it had a very different result. China had fought Japan from 1937 to 1945 during World War II, but was then plunged into a civil war between the ruling Nationalists of Chiang Kai-shek and the Communists under Mao Zedong. Mao's victory saw the establishment of the PRC, which leaned heavily on the Soviet Union for its economic model. China was kept out of the United Nations for another two decades, and did not open diplomatic relations with the U.S. for three. The years of Mao's rule saw immense domestic turmoil, with events such as the Great Leap Forward of 1958-62, an experiment in self-sufficient socialism that went horrifically wrong and starved millions of farmers to death, as well as the Cultural Revolution of 1966-76, in which China went to war with itself. Mao's China also, of course, went to war with India, in a border conflict in 1962 whose after-effects are still very evident today.

Common concerns

Yet, in the later years, the thawing of the Cold War saw both countries change path, and even share some common concerns. By the 1990s, India's highly protected economy was producing limited growth, and controversial reforms under figures including P.V. Narasimha Rao opened up the economy in various ways, creating a new class of millionaires as well as increasing inequality. In a sense, China had been there first, with the astonishing economic experiment begun in the 1970s with the blessing of Mao's ultimate successor, Deng Xiaoping. Instead of the command economy that Mao had favoured, China's senior leader allowed the development of a market economy. This did not follow the model pioneered by Ronald Reagan, Margaret Thatcher, and Bob Hawke, of removing the government as much as possible from the workings of the market. Instead, the Chinese private sector was given space to develop within a framework controlled by the party. But it worked astonishingly well. China became a manufacturing hub for the world, regularly posting 10% growth rates in the late 1990s and early 2000s. Today, China's per capita GDP rate is around $9,000 a year, as opposed to around $2,000 for India.

Today, geopolitical tensions mean that China and India mostly sit on opposite ends on major global questions. There are some areas of commonality, to be fair; both are nervous about climate change commitments that may hamper their growth, and both abstained at the United Nations this year rather than condemning Russia's invasion of Ukraine.

Lessons to be learned

Yet there are also elements behind their rise that mean that both sides can learn from each other. One of China's most powerful engines for growth has been its stress on education: 2.4% of GDP goes on research and development broadly defined, and in international university rankings, which mostly rate hard sciences, China has a group of institutions in the top tier, many more than India. Education is not evenly distributed, with urban centres obtaining much more of the pie than the children of the countryside. Yet, there is no doubt that China's stress on building human capital has had results.

However, China's current political system runs the risk of losing its gains as it become narrower and more authoritarian. In the last few years, technology entrepreneurs, academics and lawyers have all become victims of political crackdowns by the party, which is concerned about any voices that do not simply follow the line sent down by Beijing. However, societies that suppress questioning voices find, in time, that their capacity to innovate is damaged. India has long had a pluralist system with a variety of voices; the flexibility and capacity to change that such a system can provide should give both China and India pause for thought if neither wants to fall behind in the next stage of global development.

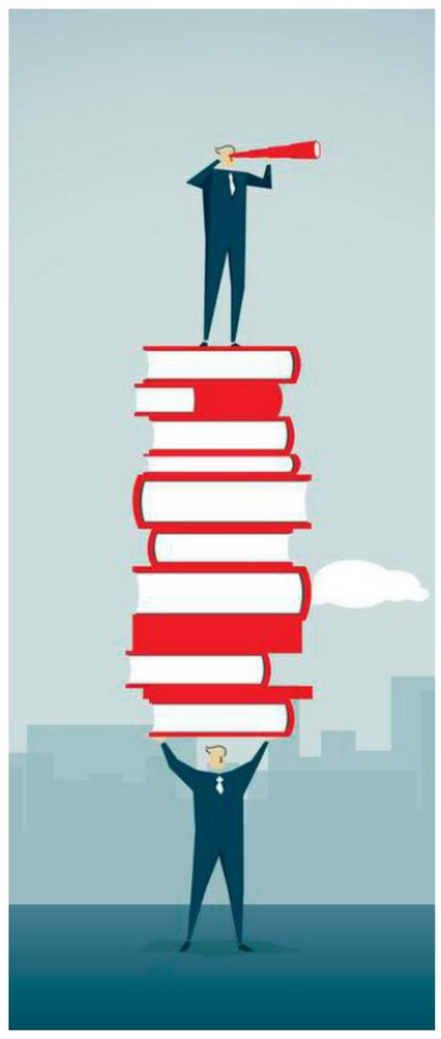
Challenges ahead

The 2020s will provide a set of challenges for both India and China. On the international stage, both countries need to think where they can find new friends. In the case of India, there are plenty of suitors, as the establishment of the Quad naval agreement with the U.S., Australia, and Japan suggests. Yet independent India has always been reluctant to become too entangled in disputes beyond its borders. The growing strength of China has become a source of alarm for India, but it is not yet obvious that New Delhi wants to accept the invitations of the U.S. to become a full-blown ally against Beijing, nor what New Delhi's reaction would be, say, to a Chinese attempt to take Taiwan in the near future. China is likewise wary of formal alliances, but that is in part because its potential partners are ambivalent ones. Russia and China declared a "friendship without limits" in February this year, but it seems unlikely that Russian President Vladimir Putin shared the full extent of his ambition to invade Ukraine with Chinese President Xi Jinping when he met him at the Winter Olympics.

There is little doubt that the actions of both China and India will shape Asia in the next decade. But it is likely that they will continue to do so in wary opposition to each other, and not as part of a wider Asian power bloc of the sort that Nehru might have imagined back in 1947, even if they continue to remain the first and second most populous societies on earth - in whichever order.

The 2020s will provide a set of challenges for both India and China. On the international stage, both countries need to think where they can find new friends.

Rana Mitter is Professor of History and Politics of Modern China, University of Oxford



FROM THE ARCHIVES

Know your English

"Sir what's the difference between 'I am feeling all right' and 'I am doing all right'?"

" 'I am feeling all right' means 'I am all right physically'. After giving the injection the doctor may ask, "How do you feel now?" You might respond by saying 'I am feeling all right' or 'I don't feel all right, I am feeling giddy'. 'I am doing all right' means 'I am prospering, my business is flourishing'. 'I am doing well' means, 'I am all right, business-wise, workwise, etc.' It has nothing to do with your physical well-being".

"Sir, Mr. K. Subbarama Rao of Vijayawada wants to know the pronunciation of 'receipt'."

"The first 'e' in the word is pronounced like the 'i' in 'bit', and 'bill'. The 'ei' is pronounced like the 'ee' in 'feel'. The 'p' in the word is silent. 'Receipt' rhymes with 'deceit'. The stress is on the second syllable".

"Sir, Dr. K. Naganna of Kumool wants to know the meaning of 'He is barking up the wrong tree'."

" 'To bark up the wrong tree' is to be misled or mistaken, to criticise or attack the wrong person. This idiom relates to raccoon hunting. A raccoon is a small, fish-eating animal. Raccoons are generally hunted at night. Dogs are used to chase them. When the raccoon climbs a tree when it is chased, the dog would stand under it and bark till the hunter arrives. Sometimes the dog would lose track of the raccoon and bark up the wrong tree. This is the origin of the idiom.

Look! I did not throw the stone. You are barking up the wrong tree.

If you think that I gave the information to the boss, you are barking up the wrong tree".

"Sir. Mr. P. Sundaram of Chrompet, Madras, wants to know whether it is permissible to use 'printer's devil' to denote a misprint"

"No. A printer's devil is a boy who is employed in a printer's office to do odd jobs. He is an errand-boy. The boys working in a printer's office generally handle printer's ink and wet proofs. Their hands and faces become black and perhaps on account of the dark colour, they are jocularly called 'devils'. So a printer's devil is a human being and not a misprint."

Word of the day

Savant:
someone who has been admitted to membership in a scholarly field

Synonyms: learned person, pundit

Usage: *She is a musical savant.*

Pronunciation: bit.ly/3FRpA5k

International Phonetic Alphabet: /ˈsavnt/

THE DAILY QUIZ

Please send in your answers to dailyquiz@thehindu.co.in

In 1903, on this day, Italian-American food cart vendor Italo Marchiony received a U.S. patent for inventing a machine to make ice cream cones. Here's a quiz on how some everyday items were invented

Aarnav.V
Karishma Ashwin
C. S. Abhinav

QUESTION 1
A Romanian student in Paris, Petrache Peonaru, had a revolutionary idea wherein reservoirs of dye when deposited to a tip by using capillary action and gravity, eliminated the need for longer work. What was his invention?

QUESTION 2
William Addis invented this in 1780 by attaching pig bristles to a specially carved handle made from cow bone for hygiene purposes. It was further developed in 1844 but completely changed with the introduction of nylon which was much softer and more hygienic than its original counterpart. What item is this?

QUESTION 3
This naturally occurring material has been used by many Stone Age societies across the globe for the production of sharp cutting tools. It remained a luxury material, and the disasters that overtook the late bronze age civilisations seemed to have brought its making to a halt. However, it is used as much as common plastic today. What?

QUESTION 4
This household item was first used in central Europe during the Middle Bronze Age in the second millennium B.C. From these the first variant called fibula was developed in the 13th or 12th century B.C. Later on, its many variants spread rapidly across the Mediterranean. It was considered an upper-class ornament centuries ago but now its use is universal. What item?

Visual question:
In 1826, John Walker, a chemist in Stockton of Tees, discovered through a lucky accident this invention that we use till date, unchanged. What is it?

Questions (abridged) and Answers to the previous day's daily quiz: 1. Monkeys belong to this order of the hierarchical taxonomic rank and are collectively known by this term. **Ans: Infraorder, Simians**
2. The collective noun for baboons and the species of virus that infects baboons. **Ans: Troop; baboon lymphocryptovirus**
3. The three species of primates which are called strepsirrhine primates. **Ans: Lemurs, lorises, and galagos**
4. This macaque species is native to the Atlas Mountains of Algeria, Libya, Tunisia and Morocco. **Ans: Barbary macaque**
5. These monkeys are nocturnal and found across much of South America. **Ans: Peruvian night monkey**
6. This jungle monkey is a fictional character with bird-like feathered wings. **Ans: The Winged Monkey from The Wonderful Wizard of Oz**
7. This monkey species is consumed by humans in Mexico. **Ans: Spider Monkey**
Visual: Identify this monkey. **Ans: Pygmy marmoset; The smallest monkey in the world**
Early Birds: Varghese Joseph| Rahul Patel| Anviti Holkar

Aarnav, Karishma and Abhinav are students of PSBB Higher Secondary School, Nungambakkam, Chennai

For feedback and suggestions for Text & Context, please write to **letters@thehindu.co.in** with the subject 'Text & Context'

Karnataka to soon launch GPS-based 'StopTobacco' mobile app to check smoking in public places

If anyone is found to violate the COTPA, all that needs to done is to click a picture of the public place (not necessarily the person who is violating) and upload it on the mobile app. The State's anti-tobacco squad will reach the spot, and slap a penalty on the violator

Afshan Yasmeen
BENGALURU

Soon you can lodge complaints of smoking in public places by using an application on your mobile phone. The State's Tobacco Control Cell has developed a GPS-based mobile app 'StopTobacco' that will be launched soon.

If anyone is found to be violating the Cigarettes and Other Tobacco Products Act, 2003 (COTPA), introduced to reduce smoking at public places and to protect non-smokers from involuntary exposure to tobacco smoke, all that needs to be done is to click a picture of the public place (not necessarily the person who is violating) and upload it on the mobile app. The State's anti-tobacco squad will rush to the spot, and slap a penalty on the violator. If required penal action will also be initiated.

The mobile app will provide a significant citizen participation in tobacco control activities. FILE PHOTO

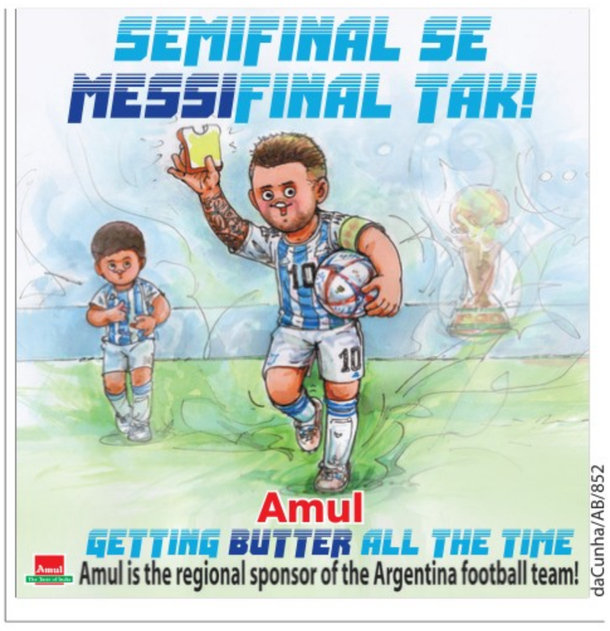
Although the State has approximately 4 crore non-tobacco users who are exposed to tobacco smoke in one or the other form, these passive smokers, so far, do not have any platform to register complaints to authorities concerned on smoking in public places. The mobile app will provide a significant citizen participation in tobacco control activities, said U.S. Vishal Rao, member of the State's High Power Committee on Tobacco Control.

"We cannot be waiting for the police or municipal enforcing agency to be overburdened. This app will give us the opportunity to increase awareness about COTPA law and rules in public places, increase social responsibility for the citizens and impact positive health. This app draws a fine balance for awareness and enforcement," Dr. Rao told *The Hindu*.

Although a similar system wherein complaints about COTPA violations could be lodged through email was put to use in 10 districts on a pilot basis in 2019, it could not be extended across the State due to the pandemic. Now the GPS-based mobile app will be put to use across the State, said a senior official.

"After downloading the app, the photo of the public place where the violation is happening such as a shop, bakery, hotel, school/college, bus station, railway station, playground etc. can be clicked and uploaded. Then there will be an option to enter the district, taluk and mobile number of the complainant. The photo will reach the district tobacco control unit and forwarded to the taluk tobacco control unit. As the app is GPS-based, the location from where the complaint has been lodged will be highlighted on the map and the squad will rush to the spot," the official explained, adding that seven-member squads have been set up in every taluk to act on the complaints.

Anyone who violates the COTPA Act by smoking in public places will be liable to pay a penalty of ₹200. Not just that, the shopkeeper who does not object to the violation will also be penalised. A handheld billing machine will be used to issue the receipt for the fine collected, the official explained.



From Page One

HC imposes ₹5 lakh cost on State govt.

Making it clear that it does not approve the approach of the government and the commission, the Bench said that it is extending the time to complete delimitation and reservation process till January 31, 2023. The extension of time would be subject to the government depositing the cost of ₹5 lakh, the Bench said.

UG, PG students can now answer bilingually in exam

B. Thimme Gowda, Vice-Chairperson of the SHEC, told *The Hindu*, "Bilingual teaching method is already in existence in all the degree and PG classes. All the faculty members know Kannada and English to teach and evaluate the answer sheets. Rural students are facing some difficulties to write exams in English for Commerce and Science subjects. This new method will help the students in a big way."

Priyanka, a second-semester PG Economics student from Bangalore University, said: "I come from a rural background. In PG classes, the teaching happens only in English. I can understand the lessons, but I am not able to write in the examination properly. The government's decision to allow us to use both Kannada and English in exam will help lakhs of students who come from rural and Kannada medium backgrounds."

Option for students
- Some questions can be attended in Kannada and others in English, whichever the student feels convenient
- At present, students can write answers for a question paper in either Kannada or English
- Decision taken at the 23rd general meeting of the State Higher Education Council
- The bilingual option has already been introduced in polytechnic courses
- Tribal studies to be taken up at the Karnataka State Folklore University

The Minister stated that in the meeting it was also decided to make arrangements for tribal studies at the existing Karnataka State Folklore University, instead of setting up a new tribal university.

He said that as part of the good governance month, Vice-Chancellors and higher officials should visit colleges within their limits and examine the progress of instructions.

Dept. bans plastic in educational institutions in State

The Hindu Bureau
BENGALURU

The Department of School Education and Literacy has banned the use of plastic items in educational institutions in the State.

Despite the ban on single-use plastic coming into effect in 2016, such items continue to be used in schools and educational institutions.

Vishal R., Commissioner for the Department of Public Instructions issued the circular, which says: "According to the 2016 government order, single-use plastic is strictly banned in the Sate. Following this order, using of carry bags, posters, banners, buntings, plates, cups, spoons, beads which are made of plastic are strictly banned in all schools and educational institutions."

White-topping obstructed by shops in Indiranagar

The Hindu Bureau
BENGALURU

Shops that are part of the Sundara Anjaneya Temple have obstructed white-topping work on 100 Feet Road in Indiranagar.

As part of the white-topping work, the city's civic body is rebuilding the drain on the footpath and shifting utilities under the footpath, from under the roadway.

However, the shops stand in the line of the drain on the footpath which the Hindu Religious Institutions and Charitable Endowments (HRCE) Department is yet to clear to make way for the new drain.

A group of devotees have petitioned the Commissioner, HRCE Department, terming the shops "encroachments", and have said the lack of drain has also led to flooding of the temple premises during rains and the shops have hidden the facade of the temple from the road.

The shops that have come in the way of white-topping work on 100 Feet Road in Indiranagar.

The devotees have appealed to the department to proactively remove the "encroachments" and allow free flow of water.

Presently, the drain flows below the shops and is blocked, causing floods. But there is no access to rebuild the drain without demolishing the shops.

However, the HRCE Department has contended that the survey of the land and land records show that the land on which the shops are there are owned by the temple and not encroaching the drain.

While the department has now agreed to demolish the shops and clear the bottleneck for the civil works on the key road, it has demanded that the civic body pay the temple compensation, which the local residents are opposed to.

BMRCL takes big step for Namma Metro line to Whitefield

The Hindu Bureau
BENGALURU

Bangalore Metro Rail Corporation Limited (BMRCL) has started erecting an open web girder over the railway track near Benniganahalli in east Bengaluru. Erection of an open-web girder is part of the extended metro line from Baiyappanahalli to Whitefield under Phase II of Namma Metro. Of the total 15-km metro line, BMRCL has started trial run of the stretch from K.R. Puram to Whitefield. Trial run on the section from Baiyappanahalli to K.R. Puram will happen only after erection of the open web girder, followed by laying of tracks and signalling equipment.

BMRCL started work after getting clearance from South Western Railway (SWR). Additional Divisional Railway Manager of SWR Kusuma Hariprasad said that work related to the metro is permitted as per the guidelines laid down by Indian Railway Schedule of Dimensions and AC Traction Manual.

The official maintained that the work will have no impact on movement of passenger services on the line. but freight trains will be regulated during this block. The work is expected to be completed by the end of December.

Chief PRO of the BMRCL B.L. Yeshwanth Chavan said, "Erection of an open web girder is being carried out between Baiyappanahalli and Benniganahalli metro stations. This will provide a link to Baiyappanahalli depot as well as the station. It is a complex operation as it is being carried out across a busy railway track. The BMRCL is executing the work after getting clearance from the SWR."

Timings
BENGALURU

THURSDAY, DEC. 15	
RISE 06:33	SET 17:56
RISE 23:53	SET 11:51
FRIDAY, DEC. 16	
RISE 06:34	SET 17:56
RISE 00:00	SET 12:27
SATURDAY, DEC. 17	
RISE 06:34	SET 17:57
RISE 00:40	SET 13:03

Bengaluru Weather	max	min
Tumakuru	30	21
Mysuru	29	17
Bengaluru	26	19

Bengaluru Today
26°C The weather will be mostly dry. Day will be comfortable but humid. Night will be slight cool.

Bengaluru Tomorrow
26°C A dry weather to continue. Day will be comfortable but humid. Night will be cool.

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THE HINDU
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NABARD officers' association calls for strike tomorrow

The Hindu Bureau
BENGALURU

All India NABARD Officers' Association (AINBOA) has given a strike call on December 16 in protest against the anomalies in wage revision created by an order issued by the Department of Financial Services (DFS), Union Ministry of Finance.

They have now been joined by the retired staff in support for the cause since the wage revision holds implications for the future.

Long agitation

The officers of NABARD had been on agitation ever since the DFS order was issued on September 14 followed by the administrative circular on September 21 to implement the order.

After many representations and rounds of dialogues with the officials of DFS over last two months (as there is no regular chairman in NABARD at present and an Additional Secretary of DFS is in interim charge since August 1, 2022), they are left with no other choice but to go on strike which will be followed by a march to Parliament and hunger strike, said a release.

The order introduced dual and differentiated pay for the same cadre of officers - higher for those who had come from Reserve Bank of India at the formation of NABARD in 1982 and lower for those directly recruited by NABARD.

At least 2 in each taluk to be upgraded as PM-SHRI schools across State from next academic year

Jayanth R.
BENGALURU

The Department of School Education and Literacy has decided to launch the PM-SHRI (Pradhan Mantri Schools for Rising India) scheme in the State from 2023-24, by upgrading at least two schools in each taluk under it.

As many as 474 schools will be upgraded, among the 12,494 which are eligible (called "benchmark schools") to apply for the scheme. The Samagra Shikshana Karnataka (SSK) will be implementing this scheme.

The PM-SHRI is a Union government-sponsored scheme that aims to strengthen existing schools, and a total of 14,500 at a cost of ₹27,360 crore will be upgraded over five years. The cost of implementation will be split in a 60:40 ratio between the Centre and the States and Union Territories.

The PM-SHRI is a Union government-sponsored scheme that aims to strengthen existing schools, and a total of 14,500 at a cost of ₹27,360 crore will be upgraded over five yearsFILE PHOTO

Under this scheme, students will be empowered with 21st century skills to achieve the objectives of the National Education Policy 2020.

The key feature of this scheme are improvement of school infrastructure, early childhood care and education among others. Schools developed under the scheme are to serve as model schools.

"Pedagogy adopted in these schools will be more experiential, holistic, integrated, toy-based, discovery-oriented, learner-centric, discussion-based, and enjoyable," says the official note on the scheme.

Selection procedure

The SSK will soon call online applications from schools which have Unified District Information System For Education plus (UDISE+) code. Schools that fulfil the minimum benchmark will be shortlisted.

Teams from the States and the Kendriya Vidyalaya or the Jawahar Navodaya Vidyalaya schools will visit the applicant institution to inspect and recommend the selected schools to the Ministry of Education. The Ministry will select a maximum of two schools from a block or urban local body, as applicable.

Before applying for applications, consent letter from the concerned gram panchyat will be required. B.B. Kaveri, State Planning Director of SSK, has written to the Commissioner, Panchayat Raj Department, in this regard.

"The PM-SHRI is a unique project of the Union government to upgrade government schools across the nation. They have a target of 14,500 schools in the country and over 18 lakh students will get the benefit from this scheme," said B.C. Nagesh, Minister for School Education and Literacy.

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INBRIEF

Shimoga Subbanna foundation to be inaugurated today

A foundation in memory of renowned Kannada Sugama Sangeeta singer Shimoga Subbanna will be inaugurated by Chief Minister Basavaraj Bommai on Thursday evening in Bengaluru. The inaugural event at Town Hall will be presided over by Chandrashekhar Kambar, chairman of the Sahitya Akademi and Jnanpith award-winning writer. Chief guests include Revenue Minister R. Ashok, poet H.S. Venkatesh Murthy, and Velu of Lahari Recording Company. Well-known singers will render his songs as tribute. Subbanna, born on December 14, 1938, passed away on August 11, 2022. He popularised the poetry of Kuvempu, Shishunal Sharief, Laksminarayan Bhat, and a host of other poets through his music. The inauguration of the foundation is at 5 p.m.

Sugarcane growers meet CM

Sugarcane growers led by their leader and Karnataka State Sugarcane Farmers' Association president Kurubur Shanthakumar on Wednesday met Chief Minister Basavaraj Bommai and urged the government to look into their demands, including an increase in fair and remunerative price (FRP) for sugarcane. The sugarcane growers in the State have been on strike for the last 23 days since the Centre announced a FRP of ₹3,050 per tonne. Mr. Shanthakumar criticised sugar factories of deceiving farmers and urged the authorities to take action against the factories that were deducting more than the permissible sum towards transportation of sugarcane.

Union govt. begins tender process to recover residual gold from processed ore at Kolar Gold Fields

The move comes over two decades after the Centre closed Bharath Gold Mines Ltd.; the case against liquidation of BGML is in Karnataka High Court

Sharath S. Srivatsa
BENGALURU

Amidst the ongoing case against the liquidation of the Bharath Gold Mines Ltd. (BGML) in Karnataka High Court, the Union government has initiated tender process to extract residual gold from tail dumps (processed ore), mounds of which are lying in the Kolar Gold Fields.

The move comes over two decades after the Centre closed BGML, citing lack of financial viability in operating the old mines. The Centre has floated a global tender, inviting bids from 'transaction advisors' or those who can advise the sale of tail dumps, and the matter has been referred to the High Court that has been hearing the liquidation case.

When the operations ceased in 2001, mining was being conducted at the depth of 3.2 km with about 1,400 km length of tunnel network. An estimated 50 million tonnes of ore yielded officially about 800 tonnes of gold. In its peak, the yield of gold in KGF was as high as 45 gram per tonne of ore in the 1880s, and when it was closed it had come down to less than 3 gram.

In its peak, the yield of gold in KGF was as high as 45 gram per tonne of ore in the 1880s, and when it was closed it had come down to less than 3 gram. FILE PHOTO

It is estimated that about 35 to 40 million tonnes of tail dumps is available and about 0.7 grams of gold could be extracted from a tonne of processed ore. It is estimated that about 20 tonnes of gold could be available from the tail dumps. The KGF has 13 mounds of cyanide dumps spread across about 300 acres, and about 60 mining shafts are now filled with water.

"The tender for transaction agent is to prepare for the tender. It is expected that international companies will participate in processing tail dumps since no Indian company has been involved in this process till now. We have no objection to the government's move because the company is not being sold. Let them identify the price and counter-offer to us as we have the first right of refusal as per the 2006 Cabinet decision, which has been upheld by the Supreme Court in 2013," said K.M. Diwakaran, who was the Chief Engineer of Mines, BGML, and president of BGML

Fighting the case

All Employees Industrial Cooperative Society that is fighting the case against the company closure in the Karnataka High Court. "Technically, the company is not closed yet as matter is in the court and the government has not implemented the High Court order. About 3,100 employees have taken partial compensation on the promise that the company will be revived as per 2006 Cabinet decision."

He said: "The government shut down the company when gold price was low and about ₹400 per gram besides the government had fixed administrative price for the company leading to loss. Now, price of gold is as high as ₹5,000 per gram and mining operation could be viable even if we recover one gram per tonne," he said. Mr. Diwakaran said that while BGML was not allowed to sell gold in open market, Hutti gold mines in Raichur district was doing so. Mr. Diwakaran pointed out that 80 km of ore body in Kolar schist belt is yet to be exploited though it has been explored already that can yield up to 50 tonnes of gold annually.

Meanwhile, the Communist Party of India (CPI) on Wednesday demanded reopening of the Kolar gold mines in which senior CPI leaders, including CPI general secretary D. Raja and national secretary Binoy Viswam, took part. "The environment impact has to be first studied before the ore is sold. The arrears of ₹52 crore to former employees are yet to be settled and ownership of staff quarters as per direction of the Karnataka High Court has to be given to the employees," said Harish Bala, president of All India Youth Federation, CPI's youth wing.

CM virtually launches 114 Namma Clinics

The Hindu Bureau
HUBBALLI

In all, 438 Namma Clinics are being set up across the State, says Bommai

Chief Minister Basavaraj Bommai on Wednesday said that a greater challenge is to provide healthcare facilities and treatment to the public at affordable costs and appealed to medical professionals to work towards achieving this by joining hands with the government.

Speaking at the Statewide launch of Namma Clinics on a virtual platform from Hubballi, Mr. Bommai said that considering the fact that poverty and health issues are directly linked, the State government has allocated a budget of ₹10,000 crore to the health sector.

Emphasising that the health of the people is crucial for the growth of a nation, the Chief Minister said that, in all, 438 Namma Clinics are being set up across the State and that 114 of such clinics are being commissioned simultaneously on Wednesday.

Mr. Bommai said that being a responsive government, the State government has realised the need for extending healthcare facilities to the urban poor and has come up with the Namma Clinic scheme. "By January-end, all the 438 Namma Clinics will be made functional," he said.

He said that the Namma Clinics will cater to the healthcare needs of the urban poor who were hitherto forced to travel long distances for getting free treatment at government hospitals.

PHCs being upgraded

Mr. Bommai said that 100 primary healthcare centres (PHCs) in the State are being upgraded as community health centres and in Kalyana Karnataka, 45 new PHCs are being set up.

Health and Medical Education Minister K. Sudhakar said that the government has set up 7,000 health and wellness centres and it will supply medicines for diabetes, hypertension and tuberculosis on the doorsteps of patients from January.

BJP MLC seeks to bring private member's Bill to ban halal certification

The Hindu Bureau
BENGALURU

N. Ravikumar, BJP MLC, as now written to Chairman, Legislative Council, seeking permission to introduce a private member's Bill in the legislature session to be held in Belagavi from December 19, to amend Food Safety and Standards Act, 2006, to ban any private organisation from issuing certification of foods.

The letter states that the Bill seeks to ban any company from advertising with a claim that a religious institution has certified the food product. The Bill is aimed at banning Halal certification, though the letter doesn't say so explicitly. Hindutva groups have been carrying on a campaign against halal certification since the beginning of 2022 in the State. The letter claims this amendment will bring in an additional revenue of ₹5,000 crore for State exchequer.

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OFFICE OF THE CHIEF GENERAL MANAGER (P&C)
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Tender Call Notice No. File No.: IDCO/HO-P&C/O-2987/04/2022/V-2 32436 Dated :- 13.12.2022

NOTICE INVITING TENDER THROUGH e-Procurement

Name of the Work : Supply, Installation, Testing & Commissioning of 33/11 KV Primary Substation with 2x5 MVA Transformer including complete Control Room Building, Civil Works at Industrial Hub of IDCO at Bamuni under Kosagumuda Block in Nabarangpur.

Period of Completion : 09 (Nine) Calendar Months.

Procurement Officer	Bid Identification No.	Availability of Tender On-Line for Bidding	
		From	To
1	2	3	4
Chief General Manager (P&C), IDCO, IDCO Tower, Bhubaneswar.	Bid Identification No:. P&C/EST/E-120 / 2022-23	17.00 Hours of dt. 22.12.2022	17.00 Hours of dt. 18.01.2023

Further details can be seen from the e-Procurement Portal, www.Tendersodisha.gov.in and Corrigendum if any will be published in newspapers and can only be seen in the e-Procurement portal as well as in IDCO Website.

Sd/-
Chief General Manager (P&C), IDCO, Bhubaneswar

CAD-4117 OIPR-14003/11/0225/2223

PUBLIC NOTICE

Notice is hereby given to the public at large that our Client intends to purchase the immovable properties described in the **Schedule** below (**"Schedule Properties"**) which are owned by the persons specified in the Schedule (**"Owners"**). The Owners have represented that they are the absolute owners of their respective portions of land in the Schedule Properties having unrestricted rights of alienation over the same.

Any person claiming to have any manner of right, title, benefit, demand, claim or interest in relation to the Schedule Properties, or any part thereof, by way of sale, exchange, let, lease, license, assignment, mortgage or in any other manner, is hereby called upon to lodge his objections and/or claims in writing along with documentary evidence in support thereof, with the undersigned within **15 (fifteen) days** from the date of this notice. If no such claim is received, it would be deemed that no person, except the Owners, has any right over the Schedule Properties and claim/s if any, will be deemed to have been waived.

Schedule

All that piece and parcel of the immovable properties being the agricultural lands totally measuring 6 Acres 1 Gunta situated at Kaggalipura Village, Uttarahalli Hobli, Bengaluru South Taluk, Bengaluru Urban District described below:

Sl. No.	Owners	Survey Nos.	Extent		Boundaries			
			Acres	Guntas	East	West	North	South
1	Mr. M. Chandrappa	46/p87	2	0	Land belonging to Ved Vignan Maha Vidya Peetha in Survey No. 413	Land belonging to Mr. Papanna in Survey No. 46	Land belonging to Mr. Shamanna in Survey No. 46	Land belonging to Mr. Ram Nayak in Survey No. 46
2		46/p88	1	20				
3	Mr. M. Shamanna	46/p88	1	20	Land belonging to Mr. Jai Ganesh in Survey No. 46	Land belonging to Mr. Papanna in Survey No. 46	Land belonging to Mr. Jai Ganesh in Survey No. 46	Land belonging to Mr. Chandrappa in Survey No. 46
4		46/p92	1	1				

Signed/-
R Vasudev / B S Raghavi
Magnah Law Partners
No. 1/24, Hanumanthappa Layout, Ulsoor Road, Bengaluru - 560 042
Phone No. 080-46462424. Email id: raghavi.bs@magnahlaw.com

Date : 15.12.2022

TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD
INVITATION OF BIDS – ITEM WAR (TWO COVER SYSTEM) E-SUBMISSION

IFB No.	**42 /F.CWSS to CDM/DO-2 / CE / VLR / 2022 / Dt.14.12.2022.**
Fund Tie up	**JJM 2022-23**
Eligibility	Registered Class I Contractors (Civil)
Tender invitee	The Chief Engineer, TWAD Board, Vellore – 632006.
Downloading Period	**22.12.2022** to **19.01.2023** upto **15.00 Hours** (as per server time)
Available Website	E-Tendering Website **www.tntenders.gov.in**
EMD Payable	1. Online Mode through E-Tendering website **www.tntenders.gov.in** (OR) 2. Offline Mode Payable at Executive Engineer, TWAD Board, RWS Division, Cuddalore
Pre Bid Meeting	**03.01.2023** at **11.00 Hours** at Office of the Chief Engineer, TWAD Board, Vellore – 632 006.
Bid Submission	**19.01.2023** upto **15.00 Hours** Digitally signed encrypted Tenders through E-Tendering website **www.tntenders.gov.in.**
Bid Opening	**20.01.2023** at **15.30 Hours** at the Office of the Tender Invitee through E-Tendering website.

Name of work	Approximate value of work including GST @ 18% (Rs. in Crore)	Bid Security (Rs.in lakhs)
CWSS to Chidambaram MPTY, Annamalai Nagar TP and 36 rural habitations in 10 village Panchayats in Parangipettai and Kumaratchi unions in Cuddalore District - Construction period 15 months, Trial run 6 months and Paid Maintenance 5 Years **Under JJM 2022-23.**	**190.00**	**95.00**

DIPR/ 5556 /TENDER/2022 **Chief Engineer, TWAD Board, Vellore-6.**

SAVE WATER, CONSERVE WATER, EVERY DROP COUNTS | "சேதனை கடந்து சுதந்திரம் அடைந்தோம், சாதனை புரிந்து சரித்திரம் படைப்போம்"

Executive Engineer, Public Works Department,
Kolar Division,Kolar-563101.
Ph: 08152-222022, Fax: 08152-227443 e-Mail: eepwdkolar07@gmail.com
website: www.kpwd.gov.in e-portal: https://eproc.karnataka.gov.in

e-Tender Notification-K.W.3&4
Short-Term Re-Tender Notification No. 29/2022-23 Dt. 09.12.2022 CALL-4
Ref: 1. Short-Term Tender Notification No. 14/2022-23 Dt. 23.09.2022
2.Short-Term Re-Tender Notification No. 17/2022-23 Dt. 31.10.2022
3.Short-Term Re-Tender Notification No. 20/2022-23 Dt. 18.11.2022 CALL-3

Tender is invited through e-Procurement for the road works in the limits of Srinivasapura Taluk, Kolar District Public Works Department from the Registered Contractors under **H/A: 5054- MDR improvements** Amount put to tender: **minimum Rs.90.00 Lakhs maximum Rs. 150.00 Lakhs.** EMD Amount: **minimum Rs.1.80 Lakhs maximum Rs. 2.25 Lakhs.** Period for completion of work: **6-9 months.**

Contractors may download the tender documents KW-3&4 from Karnataka State e-Procurement portal **(viz. htpp://eproc.karnataka.gov.in).** Filled in tenders shall be uploaded on or before: **4.00 p.m. on 22.12.2022** through Karnataka State e-Procurement portal. Tender received will be opened after: **4.30 p.m. on 23.12.2022** in e-Procurement. Further details regarding the works and also for details about this tender notification please contact e-Procurement portal and also you may contact this office during working hours. **Note: Any changes in this Notification will be published in e-portal only.**

Sd/- Executive Engineer, PWD Division, Kolar.
DIPR/Kolar/R.O.No.418/MC&A/2022-23

COVID-19. DO NOT PANIC, BE AWARE
Wear Mask | 6 Feet Follow Physical Distancing | Maintain Hand Hygiene

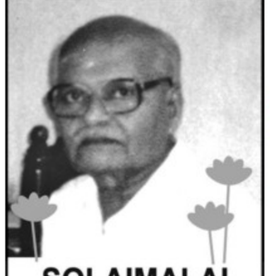
OBITUARY & REMEMBRANCE

IN MEMORIAM

"**YOU ARE** gone but thank you for all the soft,sweet things you left behind.In my home,in my head,in my heart"–A.V.ANANDAKUMAR (19.09.27–15.12.89)–Fondly remembered by Visalam Anandakumar and children.

DEATH ANNIVERSARIES

11th Anniversary

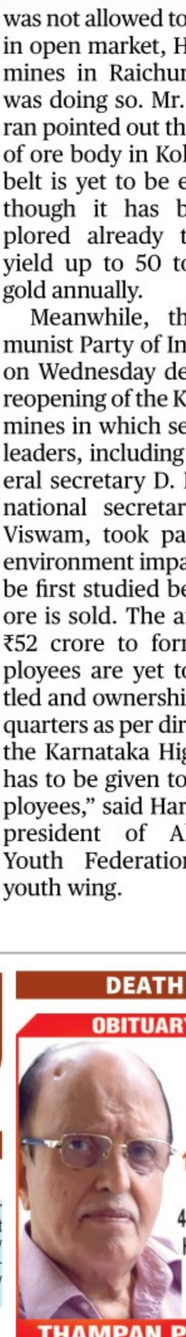


SOLAIMALAI RAMASUNDARAM
Born 29.12.1936
Expired 15.12.2011

In fond remembrance of our beloved Appa.
"Ramsundar & Malarvizhi Ramkumar & Anuradha, Kavitha,Rachna,Bharath & Lakshita Relatives & friends."
+919821633784

DEATH

OBITUARY



passed away on 12/12/2022 at 4.30 PM IST. He was 85.

THAMPAN PHILIP
(from Varricat, Vaniyaperakkal, Kottayam)
Funeral arrangements:
on Friday Dec 16, at 9.00 am
Prayer & Service at home: 2A Ashlar Place 4th Main Road Extension, Kottur Gardens, Kotturpuram, Chennai 600 085.
at 10.30 am at St. Mary's Christian Cemetery, Mandaveli, Chennai 600028.
Inserted by Anjana, his loving daughter. Shanti (wife), Manoj John (son-in-law), Ashika (grand-daughter).
Mob: 98844 27655

DEATH ANNIVERSARIES

FIRST YEAR ANNIVERSARY

K. RAJANNA
(1957 - 2021)
PRESIDENT - IOEU
(2016 - 2021)
inserted by
S.MOHANRAJ
(GENERAL SECRETARY)
& ALL MEMBERS OF INDIAN OIL EMPLOYEES' UNION (SR)

DEATH ANNIVERSARIES

SEVENTH DEATH ANNIVERSARY
(15.12.2022)

K. MADHUSOODANAN NAIR (K.M. NAIR)
Indian Revenue Service (Rtd.)
(Former Chief Controller-VSSC
Former Chief Controller-RGCB)
"Forever In Our Hearts"
Sorrowing Family

SC gives Centre three months to constitute T.N.-Karnataka water disputes tribunal

The Hindu Bureau
NEW DELHI

The Supreme Court on Wednesday gave the Centre three months to constitute an Inter-State River Water Disputes Tribunal to resolve the dispute between Tamil Nadu and Karnataka over constructions in Pennaiyar river.

Tamil Nadu had filed an original suit in 2018 against Karnataka's work on check dams and diversions' structures in the river.

Tamil Nadu told the Supreme Court that Karnataka had no right to utilise the waters of the Pennaiyar to the detriment of the people of Tamil Nadu. The flowing water of an Inter-State river was a national asset, and no single State can claim exclusive ownership of it, Tamil Nadu said.

In a previous hearing, the Centre had stated that Tamil Nadu's complaint was referred to a Negotiation Committee, and there was "no likelihood of settlement by negotiation".

The Union government had submitted that it was "likely to constitute a Tribunal to resolve the dispute between the two States". Tamil Nadu argued that a 1892 agreement over the river water was "valid and binding" on the party States. Tamil Nadu said that "Karnataka, without furnishing the details of its new diversions or new schemes or projects and obtaining the consent of the lower riparian State, should not *suo motu* proceed to construct check dams/pump directly from the river or from the tanks draining into the river, which would clearly amount to an infringement of the rights of the inhabitants of the Plaintiff State (Tamil Nadu)".

Tamil Nadu said a river includes even the tributaries and streams contributing water directly or indirectly into it.

"Thus, the major tributary, Markandeyanadhi, which has its catchment area both in Karnataka and Tamil Nadu, cannot be considered to be out of the purview of the agreement, and hence, any new construction obstructing the flow of Markandeya river is governed and controlled by the 1892 agreement," It argued.

Tamil Nadu said Karnataka's stand that it was free to construct any diversion structure or large dams across Markandeya river was wholly untenable.

"The Markandeya river is to be construed as an Inter-State river, and hence, the 1st Defendant State (Karnataka) cannot *suo motu* construct a large dam just upstream of the Karnataka - Tamil Nadu border, which results in obstructing the flows due to Tamil Nadu," the State said.

Telangana CM inaugurates BRS party office in New Delhi

Akhilesh Yadav and H. D. Kumaraswamy were present at the opening of the Delhi office of KCR 's renamed party; the CM had earlier declared his ambition to play a larger role in national politics

The Hindu Bureau
NEW DELHI

Taking the first step towards carving out a bigger role for himself at the national stage, Telangana Chief Minister K. Chandrasekhar Rao on Wednesday inaugurated the office of his newly renamed party, Bharat Rashtra Samithi, in Delhi.

Samajwadi Party Chief Akhilesh Yadav and Janata Dal (S) leader H. D. Kumaraswamy were present during the ceremony.

The Election Commission on December 8th had approved the change of name of the Telangana Rashtra Samithi to the Bharat Rashtra Samithi as per the party's request.

Grand opening: K. Chandrasekhar Rao taking part in the inauguration of the BRS party office in Delhi. SPECIAL ARRANGEMENT

"With the inauguration of the party office in the national capital, the party start its journey as national political party under KCR's leadership and will expand its footprint across the country," BRS MP Ranjith Reddy said.

Telangana Rashtra Samithi was launched in April 2001 on the demand of separate Telangana State. Earlier this year, Mr. Rao had declared his ambition to play a larger role in national politics trying to construct a third front against both the BJP and the Congress. As part of this effort, he has had meetings with DMK President M. K. Stalin, JD(S) patriarch Deve Gowda and JD (U) leader Nitish Kumar.

Heralding the season

Commercial Street in Bengaluru, which has been decked up ahead of Christmas and New Year celebrations, was teeming with shoppers on Wednesday. K. MURALI KUMAR

Mullaperiyar dam level at 141 feet

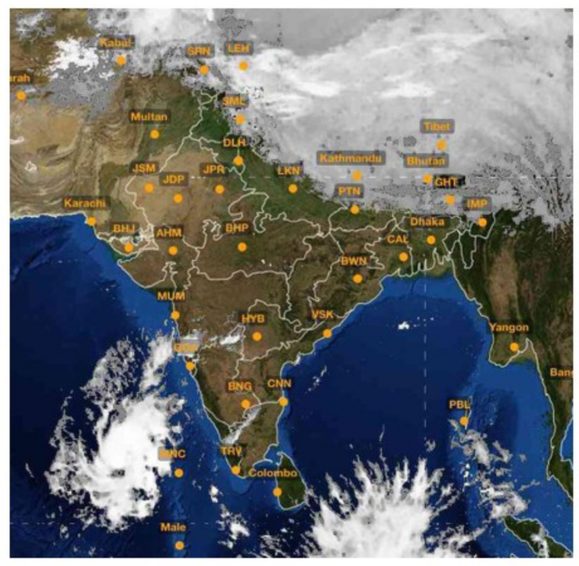
The Hindu Bureau
IDUKKI

Tamil Nadu on Wednesday issued the second flood warning after the water level in the Mullaperiyar dam in Idukki touched 141 feet at 6 a.m.

The maximum storage level as per the top court order is 142 feet. Idukki Collector Sheeba George said there was a possibility of opening the spillway shutters of the Mullaperiyar dam if the water level reached the near the maximum level.

WEATHERWATCH

Rainfall, temperature & air quality in select metros yesterday



TEMPERATURE DATA: IMD, POLLUTION DATA: CPCB, MAP: INSAT/IMD (TAKEN AT 18.00 HRS)

Forecast for Thursday: Heavy rainfall likely at isolated places over Andaman & Nicobar Islands. Cold wave conditions likely in isolated pockets over Punjab

CITY	RAIN	MAX	MIN	CITY	RAIN	MAX	MIN
Agartala	—	27.9	14.0	Kozhikode	—	32.0	23.7
Ahmedabad	—	31.4	21.0	Kurnool	—	31.6	21.3
Aizawl	—	—	11.3	Lucknow	—	25.5	11.0
Allahabad	—	28.8	12.4	Madurai	—	29.4	23.4
Bengaluru	7.6	26.2	18.6	Mangaluru	0.1	30.9	23.4
Bhopal	1.9	—	16.6	Mumbai	—	34.9	25.6
Bhubaneswar	—	32.2	20.0	Mysuru	—	28.2	20.0
Chandigarh	—	23.3	10.9	New Delhi	—	24.6	10.0
Chennai	—	30.7	24.0	Patna	—	25.8	11.0
Coimbatore	7	27.9	21.8	Port Blair	—	30.2	26.1
Dehradun	—	25.8	8.0	Puducherry	—	32.1	21.7
Gangtok	—	12.9	10.3	Pune	—	31.1	20.8
Goa	—	33.0	24.4	Raipur	—	32.6	19.2
Guwahati	—	27.9	15.7	Ranchi	—	26.5	14.5
Hubballi	—	28.0	19.0	Shillong	—	16.1	7.5
Hyderabad	0.9	29.1	20.2	Shimla	—	20.0	9.3
Imphal	—	24.1	7.5	Srinagar	—	12.5	-3.4
Jaipur	—	25.6	11.4	Thiruvananthapuram	—	32.1	22.2
Kochi	—	30.6	23.6	Tiruchi	14	30.1	22.4
Kohima	—	21.0	6.8	Vijayawada	—	31.2	22.4
Kolkata	—	27.5	18.2	Visakhapatnam	—	30.6	22.2

(Rainfall data in mm; temperature in Celsius)

Pollutants in the air you are breathing

CITIES	SO_2	NO_2	CO	PM2.5	PM10	CODE
Ahmedabad	..—	..73	.24	35	74	
Bengaluru	.26	..38	.50	.....—	76	
Chennai	.20	.32	.42	81	72	
Delhi	...8	..93	.44	...231	...174	
Hyderabad	...3	..31	.32	88	...124	
Kolkata	.22	..43	.63	...347	...242	
Lucknow	.10	..40	.69	...135	...146	
Mumbai	.24	..19	102	...214	...143	
Pune	..—	..—	..—	.....—	.....—	.....—
Visakhapatnam	.49	..—	.19	.....—	.....—	.....—

Yesterday

In observation made at 4.00 p.m., Purnia, Bihar recorded an overall air quality index (AQI) score of 450 indicating an unhealthy level of pollution. In contrast, Salem, Tamil Nadu recorded a healthy AQI score of 25

Air Quality Code: Poor Moderate Good (Readings indicate average AQI)

SO_2: Sulphur Dioxide. Short-term exposure can harm the respiratory system, making breathing difficult. It can affect visibility by reacting with other air particles to form haze and stain culturally important objects such as statues and monuments.

NO_2: Nitrogen Dioxide. Aggravates respiratory illness, causes haze to form by reacting with other air particles, causes acid rain, pollutes coastal waters.

CO: Carbon monoxide. High concentration in air reduces oxygen supply to critical organs like the heart and brain. At very high levels, it can cause dizziness, confusion, unconsciousness and even death.

PM2.5 & PM10: Particulate matter pollution can cause irritation of the eyes, nose and throat, coughing, chest tightness and shortness of breath, reduced lung function, irregular heartbeat, asthma attacks, heart attacks and premature death in people with heart or lung disease

ಅರಣ್ಯ ಇಲಾಖೆ
office of the Deputy Conservator of Forests, Hassan Division, Hassan
Phone & Fax :08172-268296 Email: dcfhassan@yahoo.in.
No.A5/WL/Railway Barricade/CR-10/2022-23 Dated 09.12.2022.

TENDER NOTIFICATION:

E-Tenders for the works in Doddabetta Reserve Forest, Alur Range, Hassan Division for the year 2022-23 are invited through e-procurement portal (http://eproc. karnataka.gov.in) on behalf of the Governor of Karnataka from Forest Contractors registered in this Division or PWD Class-I Contractors having Registered in this Division for the following works subjected to terms and conditions. Description of Work:Procurement of Used Rails, Transportation and Erection of Railway Barricades. Unit:08 Nos. Amount (Rs. In Lakhs): 734.20 Last Date of Receipt of Tender through e-portal : 28.12.2022 up to 16:00 hrs

Sd/- (Dr. Basavaraja. K. N., IFS.),
Deputy Conservator of Forests, Hassan Division, Hassan.
ವಾಸಾಸಂ/ಹಿಸನಿ/ಹಾಸನ/ಎಂಸಿಎ/828/2022–23

Mysore District Co-Operative Milk Producers'Societies Union Ltd.,
Bannur Road, Alanahalli Post, Mysuru-570028.
Phone No. 0821-2474475, Fax No.0821-2474476,
e - mail : transportmymul@gmail.com

Tender Notification (Through e-procurement only)

Mysore Dist. Co-Op Ltd Milk Union Ltd., Mysore invites tender from eligible Tenderers for the supply of the following materials / services through e-procurement portal. For the tender document please visit e-procurement platform at www.eproc.karnataka.gov.in

Sl No	Tender Notification No	Items(Details)	Last Date for Submission of Tender
1	IFT No: 01-01/ Trans-Plant/ Mymul/E-Proc/2022	Tender Contract Two years For Transportation Of Skimmed Milk Powder, Whole Milk Powder In Open Truck And Butter In Refrigerated Vehicles.	15.12.2022 to 14.01.2023 before 5:00PM
2	IFT No:02-02/ Trans-P&I/Mymul/ E-Proc/2022	Tender Contract Two years For Transportation Of Milk from BMC Centers to Mega Dairy and Hunsur C.C. in Milk Transportation Tankers. Car for Emergency veterinary routes and office use.	15.12.2022 to 14.01.2023 before 5:00PM

For further information please contact Superintendent (Transport) during working hours.
(Mobile No: 6366430832/9449056797).
Sd/- Managing Director
Mysore District Co-Operative Milk Union Ltd.

PUBLIC NOTICE

Notice is given to the general public that my clients are interested to purchase the Property morefully described as schedule property hereunder. For the same my clients are entered into a Sale Agreement, dated 07.12.2022 with the owners namely **(1) Smt. M. NIRMALA, (2) M. SUJANA, and (3) M. SHASHANK REDDY** since minor, represented by his father **Sri. V. Manjunatha Reddy** as natural guardian. All are Residing at # 79, Bandapura Kasaba Circle, Bandapura Village, Marasuru Post,Kasaba Hobli, Anekal Taluk, Bengaluru - 562106.

Any person/s having a claim, right, title, or interest over the schedule property or any objection to the proposed purchase may file their objections in writing along with copies of supporting documents to the undersigned within 15 days from the date of this publication, failing which my client will be advised to go ahead and complete the sale formalities.

SCHEDULE PROPERTY

All that piece and parcel of the northern portion of agricultural land bearing Sy. No.114/1 (Old Sy.No.114), measuring 2 acres out of 2 Acre 20 Guntas, situated at Thigalachowdadenahalli Village, Varthur Hobli, Anekal Taluk, Bangalore District bounded on;East by: Property bearing Sy.No. 114/2; West by : Property bearing Sy.No.69/1 & 114/7; North by : Property bearing Sy. No.114/7 & 66; South by : Remaining portion in same Survey number 114/1

ADV. SARITHA, B.A., LL.B,
LEGAL LANDMARK,No.301, Third Floor,
Smart Plaza, Coles Road, Frazer Town,
Bengaluru – 560005. Mobile No.9901224012.

Karnataka Power Transmission Corporation Limited
(CIN : U40109KA1999SGC025521)

PUBLIC CAUTION NOTICE

No.: EEE/BMWND/AEE-1/2022-23/4314-15 Date: 14.12.2022

It is hereby notified for the information of General Public that the KPTCL has entrusted the construction of 220kV Multi Circuit line from 8 pole structure Chikkabettahalli limits Vidyaranyapura to 220kV GIS Sahakaranagar station up to Hebbal LILO point to M/s KEC International Limited.

The agency will be commencing the 220kV line work from 15.12.2022 to 30.12.2022. This line is passing through "The Regency Public school, AMS layout extension, 3rd Main Rd. AMS layout, 2nd cross, 3rd cross, 4th cross, 5th cross, 6th cross & 7th block walking park in HMT layout, 6th block BEL Layout, GKVK road".

As such it is requested to co-operate with KPTCL for execution of the above work. This work will be carried out daily from morning 8:00 AM to evening 7:00 PM. During this time it is requested to the General Public not to park the vehicles below the existing 220kV & 66kV line corridors and also requested not to come near the working zone of 220kV line corridor.

It is very much regretted for the inconvenience to the General Public and please co-operate with KPTCL for early completion of work.

Hence the General public are here by informed to keep away from the above Overhead line during execution of work in the above mentioned line route.

Sd/-
Executive Engineer (Elec.),
BMWND, KPTCL, A.R. Circle, Bengaluru-560 009.

GOVERNMENT OF KARNTAKA
MYSURU PALACE BOARD, MYSURU
Tender Notification Number: EO/MPB/DD/HORTI/FS/ T.NO.06/2022-23 Dated: 09-12-2022

SHORT TERM TENDER NOTIFICATION (Call-2)

(Through e-Procurement Portal only- Two cover System) On behalf of Governer of Karnataka, Deputy Director, Mysuru Palace Board, Mysuru Invites the Short term Tender for "Floral Decoration work of replica of Kashi Vishwanatha Temple, Sri Jayachamarajendra Wodeyar with Vishweshvariah Model, Amar Jawan Jyothi, Smark, Train Model of Vande Bharath & Other Models for the Flower Show Festivities Conducted in Mysore Palace Premises, Mysore" from Eligible Vendors / Bidders / Agencies / Manufacturers who have executed similar type of works in central/State Government / Reputed private companies as per KW-3 Standard Tender Document in Two Cover System. **1)** LAST DATE AND TIME FOR RECEIPT OF TENDERS THROUGH e-PROCUREMENT ONLY: 16-12-2022 upto 17:00:00 hrs, **2)** TIME AND DATE OF OPENING OF TECHNO-COMMERCIAL BID: 17-12-2022 after 17:10:00 hrs, **3)** TIME AND DATE OF OPENING OF FINANCIAL BID (e-mode only): will be intimated to the Qualified Tenderers. Details regarding the work and tender document may be obtained through e-Procurement portal http://www.eproc.karnataka.gov.in. Any clarification regarding details of the work, or any other aspects of the above tender can be had by contacting the office of the Deputy Director, Mysuru Palace Board, Mysuru during the office hours either in person or over phone No: +91-7975488932

Sd/- Deputy Director, Mysuru Palace Board, Mysuru
DIPR/DDMYS/MCA/757/2022-23

GOVERNMENT OF KARNATAKA
ZILLA PANCHAYATH, RAMANAGARA
RURAL DRINKING WATER AND SANITATION DIVISION, RAMANAGARA

Tender Notification No : 50/EE/RDWS&SD/RMG/ TENDER/ AE-1/JJM/1795/2022-23 Date : 13-12-2022

The RURAL WATER SUPPLY AND SANITATION Division Ramanagara is inviting on behalf of Governor of Karnataka State under Single & Two cover bid system as per the Karnataka Transparency in Public Procurement ACT 1999 and Rules 2000 - STANDARD BID DOCUMENT KW-3 for water supply works **under JJM** through e-procurement from Registered Contractors as per the schedule given below.

Max Amount Put To Tender : Rs. 86.60 Lakhs EMD : Rs. 1.73 Lakhs

Min Amount Put To Tender : Rs. 79.84 Lakhs EMD : Rs. 1.60 Lakhs

Period of Contract : 06 Months

Last Date of submission of Tender : 28-12-2022 Upto 5.30 pm.

Opening of Technical Bid of the Tender : 30-12-2022 at 11.00 a.m. onwards

Opening of Financial Bid of the Tender : 02-01-2023 at 11.00 a.m. onwards

For further particulars / details may avail from the office of the undersigned during office hours on all working days and may visit the website **www.eproc.karnataka.gov.in**

Sd/- **Executive Engineer**
RDW&S Division, Ramanagara

PUBLIC NOTICE

The general public is hereby informed that my client has entered into an Agreement To Sell dated 01.12.2022 registered as Document No. INR-1-11102-20022-23 stored in CD No. INRD1223 at the office of the Sub-Registrar, Indiranagar, Bengaluru to purchase the property morefully described in the schedule hereunder from its present owner, **SMT. SARITA AGARWAL**, aged about 75 years, wife of Mr. Ram Narayan Agrawal, she having acquired title to the same in terms the following Sale Deeds executed by **NGEF Ltd.** (New Government Electrical Factory Limited) in her favour. The property is situated at Indiranagar 1st Stage (Binnamangala 1st Stage) Bengaluru 560 038 and all the sale deeds are registered at the office of the Sub-Registrar, Shivajinagar, Bengaluru:

Sl. No.	Particulars	Sital Area Extent (Sq. Ft.)	Property No.	Boundaries			
				East	West	North	South
1.	Document No. 3671/2001-02 dated 13.12.2001	1343.90	Site No. 30	House No. 29	House No. 31	Road	House No. 55
2.	Document No. 3672/2001-02 dated 13.12.2001	1424.81	Site No. 31	House No. 30	House No. 32	Road	House No. 54
3.	Document No. 349/1999-2000 dated 05.05.1999	1484	Site No. 54	House No. 55	House No. 53	House No. 31	Road

The above sites are amalgamated by the Bruhat Bangalore Mahanagara Palike and allotted Municipal No. N-54 (PID No. 82-1-N-54) totally measuring 4252.71 sq. ft.

Any persons/firms/companies/financial institutions having or claiming any share, right, title, estate or interest by way of inheritance, sale, mortgage, transfer, lease, tenancy, lien, charge, trust, maintenance, easement, gift, devise, bequest, exchange, pre-emption, possession or encumbrance or otherwise howsoever into or upon the Schedule Property herein below described, are called upon to intimate the same in writing to the undersigned at the below given address along with all the documents relating to such claim within **14 days** from the date of publication of this notice, failing which any such claim of any party shall be deemed to have been waived for all legal practical purposes and shall not be entertained hereafter and we shall opine that the Schedule Property is free of any claims and my clients will be free to proceed with the proposed purchase of the Schedule Property.

SCHEDULE PROPERTY

ALL THAT PIECE AND PARCEL of residential sites bearing amalgamated Khata **No. N-54,** [PID No. 82-1-N-54] situated at Indiranagar 1st Stage (Binnamangala 1st Stage) Bengaluru-560038, measuring in all **395.08 Sq. mts or 4252.71 Sq ft.** together with houses standing on each site consisting of Ground Floor, totally measuring 125.41 Sqmt (1349.99 Sq ft) and bounded on:

East by : House No. 55 and 29
West by : House No. 53 and 32
North by : Road
South by : Road and House No. 55

Vivek Anand Anthony Britto, Vir Anthony Britto, Advocates
"Daisville" 633, 5th Main, Indiranagar II Stage, Bengaluru-560038
Place: Bengaluru Date: 14/12/2022

Rural Drinking Water and Sanitation Department
Office of the Chief Engineer, RWS&SD, First Floor, "E" Block,
KHB Complex, Cauvery Bhavan, K.G. Road,
Bengaluru-560 009, Ph: 080-22533700, e-mail: cerws14@gmail.com
No:RDWSD/CE/Tech/591/2022-23 Date: 13-12-2022

SHORT TERM TENDER INVITATION

Rural Drinking Water and Sanitation Department, Govt. of Karnataka invites tender in Karnataka Public Procurement Portal **(https://eproc.karnataka.gov.in)** from eligible bidders in two cover system (Technical and Financial bid) for Implementation and Management of Rural Infrastructure for Water Supply (RIWAS) for Rural Drinking Water and Sanitation Department, GoK. The last date for submission of bids through e-portal is **28-12-2022 before 4.00 PM.** EMD Amount is **Rs.10,00,000/-.**

Sd/- Chief Engineer
RDW&SD, Bengaluru
DIPR/CP/BCPL/3530/2022-23

KARNATAKA STATE BEVERAGES CORPORATION LTD.
(A Government of Karnataka Undertaking)
4th Floor, TTMC Building 'A' Block, BMTC Building, K.H. Road,
Shanthinagar, Bengaluru-560 027, Ph: 080-22483641
No.KSBCL/INFRA/ADM-04-023/V7/2022-23 Date: 12.12.2022

SHORT TERM-TENDER NOTIFICATION
(e-Procurement portal only)

Karnataka State Beverages Corporation Limited in association with e-procurement is Inviting online e-Tender from the owners of the Godown for leasing out Godown to the Corporation on rental basis for its activities in Mangalore & Kothanur(Bengaluru). EMD Amount: **Rs. 25,000/-.**

1) Last date to recieve queries: **22.12.2022 at 4:00 PM**. **2)** Last Date & Time for uploading of bids: **28.12.2022 upto 4.00 PM**. **3)** Date & Time for opening Technical bids: **30.12.2022 at 4:30 PM**. Bidders can view the Tender details from Website: **https://eproc.karnataka.gov.in**

Sd/-
Executive Director (F&A)
DIPR/CP/JA/3510/2022-23

FORM A
PUBLIC ANNOUNCEMENT
(Regulation 14 of the Insolvency and Bankruptcy Board of India (Voluntary Liquidation Process) Regulations, 2017)
FOR THE ATTENTION OF THE STAKEHOLDERS OF ELKEN INTERNATIONAL INDIA PRIVATE LIMITED

1.	Name of The Corporate Person	Elken International India Private Limited
2.	Date of Incorporation of Corporate Person	December 20, 2002.
3.	Authority under which Corporate Person is Incorporated / Registered	Registrar of Companies, Bangalore
4.	Corporate Identity Number of Corporate Person	U01551KA2002PTC032972
5.	Address of The Registered Office and Principal Office (If any) of Corporate Person	No. 25, 2nd Floor, 8th Main, Vasanth Nagar Bangalore -560052, Karnataka
6.	Liquidation Commencement Date of Corporate Person	December 14, 2022
7.	Name, Address, Email Address, Telephone Number and Registration Number of The Liquidator	Name: VASUDEVAN GOPU Address: G.V. Enclave' 18/30, Ramani Street, KK Pudur, Saibaba Colony, (4th Right Opp. Road To Saibaba Colony, Hotel Annapoorna Road), Coimbatore-641038, Email: : vasudevangopu.ip@gmail.com; vasudevanacs@gmail.com Telephone No. 0422-4347063 Registration No. IBBI/IPA-002/IP-N00291/2017-18/10849
8.	Last date for Submission of Claims	January 13, 2023

Notice is hereby given that the ELKEN INTERNATIONAL INDIA PRIVATE LIMITED has commenced voluntary liquidation on December 14, 2022.

The stakeholders of ELKEN INTERNATIONAL INDIA PRIVATE LIMITED are hereby called upon to submit a proof of their claims, on or before January 13, 2023 to the liquidator at the address mentioned against item No.7.

The financial creditors shall submit their proof of claims by electronic means only. All other stakeholders may submit the proof of claims in person, by post or by electronic means.

Submission of false or misleading proofs of claim shall attract penalties.

SD/-
Vasudevan Gopu
Liquidator of Elken International India Private Limited
IP Reg No: IBBI/IPA-002/IP-N00291/2017-18/10849

December 15, 2022
Coimbatore

Warning sign

India cannot wish away the situation on the China border by staying silent

Another attempted transgression by the Chinese military, this time in the Tawang sector in the eastern section of the India-China boundary, has served a reminder of the precarious state of affairs along the Line of Actual Control (LAC). A crisis which began in April 2020, with PLA transgressions in Ladakh, in the western sector of the boundary, has now appeared to have widened to Arunachal Pradesh. Defence Minister Rajnath Singh said in Parliament that the Indian Army had forced the PLA to return to its posts. The Minister's comments, on December 13, came four days after the incident, details of which were first reported by *The Hindu* on December 12. An Army statement confirmed the clash. The Opposition, which has criticised the Narendra Modi government's continuing reticence on the China border issue, staged a walkout after being denied a discussion.

As troubles now flare in Arunachal, the situation in Ladakh still remains unresolved. India is yet to resume patrolling in any of the five disengagement areas where temporary buffer zones have been established, while the Chinese military remains on India's side of the LAC in two other friction points, in Depsang and Demchok. What is clear is that the Chinese military has decided, for reasons still unexplained, to unilaterally change how both sides manage what were previously mutually recognised disputed areas. Managing what has become a live border after three decades of relative peace, and crafting a *modus vivendi* with China in this new situation, has now emerged as a pressing challenge for New Delhi. This is both a military and a political challenge. Addressing it will require, as a first step, transparency, and taking the Opposition and public along on an issue far too important to be led by apparent considerations over optics. Those considerations also appear to be one factor behind the continuing freeze in high-level political contact with China, with Prime Minister Modi and President Xi Jinping avoiding a formal meeting at two recent multilateral summits. That the leaders have not spoken for more than three years, barring an exchange of pleasantries at the G20 summit, is an untenable situation as risks continue to rise along the borders. A resumption of dialogue will, at the very least, allow India to convey its concerns at the highest level. The public also remains largely in the dark on the events that have transpired along the borders, as well as the developments that led to the loss of life of 20 Indian soldiers, in 2020. If the Government's apparent hope was to maintain a silence until the crisis resolves in due course, the latest clash has served a warning sign that it is nowhere near ending.

Energy conundrum

Solar power is important for India, but it will not serve every energy need

At the core of India's energy transformation is its bet on solar power. Based on a commitment to address the global climate crisis, India has promised to source nearly half its energy from non-fossil fuel sources by 2030 and, in the shorter term, source at least 60% of its renewable energy from solar power. However, a disclosure in Parliament by the Minister for Power, New and Renewable Energy suggests that India faces significant headwind in this quest. A key central policy to source solar power is facilitating the establishment of large solar parks; small solar power projects usually translate to higher per-unit production costs. And so, in 2014, the Centre announced the 'Solar Parks and Ultra-Mega Solar Power Projects' policy to facilitate the creation of large parks. The initial plan was to set up 25 parks capable of generating at least 20,000 MW by 2019. In 2017, the Government scaled this to 61 parks with a target of 40,000 MW. It emerges, however, as of 2022, that only a fourth of the capacity has been achieved, that is, projects worth 10,000 MW have been commissioned. Four projects have been cancelled, by the Centre's own admission, due to tardy progress. The roadblocks, in the Centre's estimate, have been challenges in acquiring land with a clear title, setting up infrastructure necessary to transmit power produced at these parks to the grid and, in an unusual disclosure, "environmental issues" in Rajasthan and Gujarat, where projects have been halted because their transmission lines encroach upon the habitat of the critically endangered Great Indian Bustard.

Notwithstanding its claims on international podia that it is on track to meeting renewable energy targets, it is no secret that India is lagging behind. By the end of 2022, India had committed to having in place 1,75,000 MW of renewable energy capacity, with 1,00,000 MW from solar power. However, only around 61,000 MW of such capacity has actually been installed. For a few years now, there has been considerable hype around solar power achieving grid parity in India – meaning power companies are able to sell it at a price lower or as much as conventional sources – but this does not account for the subsidies or concessions front-loaded by the Government. While India should continue to expand its economy on the back of renewable energy, the Government must take a hard look at whether renewable power, solar, wind or nuclear, meets standards of economic viability and environmental sustainability. Solar power may be a valuable tool in India's energy transformation story, but it cannot be the panacea for every need.

The arithmetic for Tamil Nadu as a $1 trillion economy

C. Rangarajan

K.R. Shanmugam

The Chief Minister of Tamil Nadu has set Tamil Nadu the goal of becoming a trillion dollar economy (by 2030), as he has indicated over the past year. This is a good aspirational goal. Tamil Nadu's GDP this year is expected to be equivalent to $0.31 trillion. To reach the goal set by the Chief Minister, Tamil Nadu has to triple the size of its economy. If this is the goal, we need to examine what the required annual rate of growth will have to be in conjunction with the period over which this rate should be maintained.

Possible scenarios

At the outset, the possibility of achieving the status of a trillion dollar economy by 2030-31 has to be ruled out. It requires a nominal annual growth rate of 18.2%, and on the assumption of inflation of 5% a real growth rate of 13.2%. This is not in the realm of possibility. The *Table* presents the results for the scenario which may be considered achievable, given the required effort. In this scenario, the target is achieved in 2033-34, and for this the required real rate of growth will be 9% per cent. The exchange rate is assumed to depreciate from the present level to ₹100.38 per dollar, that is, a depreciation of 2% per annum. The nominal rate of growth required will be 14% and with an assumption of 5% inflation, the real rate required is derived as 9%. The higher the exchange rate depreciation, the higher will be the required nominal and real rates of growth. Under this scenario, the per capita income of the State in the terminal year will be $13,400, which will be a shade higher than the per capita income of $13,205 required to classify a country as a developed country as of now.

Reaching the target by 2030-31 has to be ruled out as it requires a nominal annual growth rate of 18.2%; instead, the scenario can be 2033-34, with the required real rate of growth at 9%

We examine the feasibility of achieving this real rate of growth in the background of the past performance of the Tamil Nadu economy. From 2005-06 to 2011-12, Tamil Nadu registered a strong real growth performance of 10.3% per annum as against an all India growth rate of 8.2%. However, its average annual growth declined to 6.43% as against all India growth of 5.48% from 2012-13 to 2021-22. Thus the task of achieving a growth rate of 9% per annum over an extended period is not going to be that easy. With a real growth rate of 8%, the target date would get postponed by one more year to 2034-35. We should also keep this in mind as a possible scenario.

The strategy

We have spelled out, thus, the quantitative implications of Tamil Nadu reaching a trillion dollar-strong economy. The government and all other stakeholders need to draw up a suitable strategy of development. Here are some ideas: in agriculture, the State needs to shift towards the cultivation of highly remunerative and less water-intensive crops. The food processing industry needs to be given priority attention to prevent excessive production going to waste. With respect to industry and services, the emerging sectors such as biotechnology, pharmaceuticals, logistics and advanced information technology need to be identified and detailed plans chalked out. Infrastructure needs, particularly in power, will also expand.

Exports can act as a stimulus to growth. Currently Tamil Nadu's exports equal $26 billion. Tamil Nadu's exports as a percent of Gross State Domestic Product (GSDP) are 8.87%. One stated goal of policymakers is to reach a level of $100 billion of exports. This means that when Tamil Nadu reaches $1 trillion strong, the exports-GSDP ratio will have to be 10%. Thus, a special drive is needed to raise the exports-GSDP ratio.

To sustain a rate of growth of 9%, the investment rate required will be 36% of GSDP on the assumption of an Incremental Capital Output Ratio (ICOR) of 4. This will have to be financed by domestic savings supplemented by a flow of resources from the rest of India and other countries. Tamil Nadu must be made the investment destination by creating an appropriate environment.

Fiscal balance

A strong growth over a sustained period can happen only in a stable economic environment. This implies both price stability and fiscal stability. Some econometric results show that with 14% nominal growth, the State should work towards a fiscal deficit of less than 3% so that the debt-GSDP ratio stabilises around 18%. The Fiscal Responsibility and Budget Management (FRBM) Review Committee had indicated a normative level of 20% for all States.

What we have presented so far can be described as the arithmetic of achieving a trillion dollar economy by Tamil Nadu. What can happen a decade from now depends upon a number of factors. Therefore, any projection over such a long period has to be conditional. Perhaps, the most likely scenario is a nominal growth of 14% per annum over the next 10 years which will take Tamil Nadu to become a trillion dollar economy by 2033-34. We spell out some implications of what this journey will demand.

C. Rangarajan is former Chairman, Economic Advisory Council to the Prime Minister, former Governor, Reserve Bank of India and Chairman, Madras School of Economics.
K.R. Shanmugam is the Director, Madras School of Economics

A 9% growth scenario

Details of achieving $1 trillion economy by 2033-34

Year	Nominal GSDP (₹Trillion)	Derived Nominal Growth (%)	Real Growth Rate (%)	Exchange Rate (U.S.$)	Nominal GSDP (U.S.$ Trillion)	Per Capita GSDP U.S.$
2022-23	24.8481	-	-	80.73	0.31	4005
2023-24	28.3268	14.0	9.0	82.34	0.34	4462
2024-25	32.2926	14.0	9.0	83.99	0.38	4973
2025-26	36.8135	14.0	9.0	85.67	0.43	5541
2026-27	41.9674	14.0	9.0	87.38	0.48	6185
2027-28	47.8428	14.0	9.0	89.13	0.54	6903
2028-29	54.5408	14.0	9.0	90.92	0.60	7704
2029-30	62.1766	14.0	9.0	92.73	0.67	8599
2030-31	70.8813	14.0	9.0	94.59	0.75	9597
2031-32	80.8046	14.0	9.0	96.48	0.84	10727
2032-33	92.1173	14.0	9.0	98.41	0.94	11989
2033-34	105.014	14.0	9.0	100.38	1.05	13400

Building climate resilience collectively

India unveiled its long-term climate action plan at the 27th Conference of the Parties to the United Nations Framework Convention on Climate Change (COP27), held in Sharm el-Sheikh, Egypt, in November. While the document titled 'Long-Term Low-Carbon Development Strategy (LT-LCDS)' has multi-sectoral measures to reach a net-zero emissions status, climate-resilient urbanisation forms a cornerstone of the Government of India's strategy under the Paris Agreement.

This three-pronged and long-term plan for urban areas focuses on adaptation and resource efficiency in urban planning, climate-responsive and climate-resilient buildings, and municipal service delivery.

Have a data-driven approach

There are several flagship missions championed by the Ministry of Housing and Urban Affairs as well, which target specific objectives towards creating a smart, sustainable and resilient urban India. To facilitate implementation of the LT-LCDS and other missions, and enable their integration, a data-driven approach may be useful. Demonstrating urban planning strategies aimed at climate resilience through specific actions and interventions (backed by sound data) and linking them to various finance streams accessible to the urban local bodies is important.

Cities need effective and efficient planning instruments that translate master plans into transformative business-ready investment projects.

For instance, the Urban Sustainability Assessment Framework (USAF), a decision support tool of UN-Habitat for municipal commissioners and urban practitioners, supports the sustainable and resilient urban planning and management of Indian cities. It enables cities to regularly capture inter-sectoral data and corresponding analysis on urban metrices, thereby helping in monitoring the performance of a city in static and dynamic contexts. Cities can enhance vertical integration by pulling together the missions' objectives at the central level, State policies and projects, and local implementation through city-specific strategic actions linked to capital investment planning.

Mansi Sachdev

is Senior Urban Planner, UN-Habitat India

Pushkal Shivam

is Urban Planner, UN-Habitat India

Active involvement by government, non-governmental, community-based organisations, and academic institutions will help build a sustainability profile and arrive at specific interventions

The urban transport sector is among the key contributors to greenhouse gas (GHG) emissions.

The cases of Bhopal and Jaipur

In the case of Bhopal (Madhya Pradesh), for example, they make up for 19% of the city's GHG emissions. Bhopal favours non-motorised transport (NMT) with a 43% NMT modal share but provides access to public bike docking stops to only 24% of its population; only half of its streets have footpaths. By designing 'shared streets' for personal vehicles, public transport, NMT and pedestrians, and linking them with future economic activity zones and underserved areas, the city has immense potential to reduce its carbon footprint. These streets can also be conduits for native plant species and groundwater recharge by integrating water-sensitive urban design features with a potential of reducing GHG emissions of up to 15 tCO_2/annum per kilometre. In Bhopal, the Smart Cities Mission has made significant investments in NMT, though the use of this infrastructure has been sub-optimal. There are opportunities for improvement and increased usage of the NMT network though better land-use integration. Spatial analyses can inform decision-making towards co-location of investments and projects from various missions for cumulative community impact and enhanced urban value.

Nature-based solutions provide a range of solutions for climate change adaptation over hard grey infrastructure. As seen in Jaipur (Rajasthan), with only 1.42 sq.m per capita of open space against a benchmark of 12 sq.m per person, the desert capital also experiences various hazards that include heat waves, droughts and urban flooding. Residential areas with at least 10% of land area under open space and parks were found to be at least 1.25°C cooler than neighbourhoods with less green pockets. In industrial pockets, the urban heat island impact was greater with temperatures higher by 1.1°C. There are several macro and micro options available to Jaipur such as planting shade trees, urban forests, installing cool roofs, planning cool islands and investing in city scale blue green infrastructure to improve the micro-climate and environmental conditions.

Jaipur has also witnessed a significant decline in porous surfaces (by 50%) in the last three decades and a corresponding sharp increase in surface stormwater run-off (156%) which the city struggles to accommodate leading to regular urban flooding. Simple yet effective solutions that can increase Jaipur's resilience include community recharge pits in neighbourhood parks, and increasing permeable spaces along mobility corridors to decrease the run-off by a sizeable fraction. Such interventions find consonance with the Atal Mission for Rejuvenation and Urban Transformation (AMRUT) mandates and allows for cities to integrate them with their capital investment plans.

The suggested planning approach merits a comprehensive stakeholder participation towards building climate resilience. Active involvement from various tiers of government, non-governmental, community-based organisations, and academic institutions is desirable at each step – from building a sustainability profile to arriving at very specific interventions. Movements on the city performance indicators communicate the impact of these interventions to the decision-makers and the community at large. In addition, cumulative benefits and efficient use of public resources from various central and State missions, and on-ground convergence are possible by identifying neighbourhoods/wards to co-locate investments for holistic and integrated city-level transformations. This evidence-based approach aims at making cities sustainable, resilient and inclusive with no one and no place left behind.

All this is in the spirit of the Sharm el-Sheikh Implementation Plan which affirms that "sustainable and just solutions to the climate crisis must be founded on meaningful and effective social dialogue and participation of all stakeholders". Therefore, India's long-term strategy must accommodate the most vulnerable of its people in its low-emissions pathways to achieve sustainable economic growth and poverty eradication.

LETTERS TO THE EDITOR

Border clash

The uproar in Parliament over the recent clash between Indian and Chinese troops near the Arunachal Pradesh border leaves one disappointed. The walkout by the Opposition on a crucial issue concerning the nation's security is baffling. If security concerns over repeated clashes are not dealt with on a priority basis, what else would? Why is the Government unable to convince the Opposition with facts and figures? It is the prime responsibility of the Government to have a clear discussion and debate and the responsibility of the Opposition to cooperate. What is the message senior politicians are sending to the nation, especially the young generation? The art of listening, before questioning, is absent. Mudslinging and references to the past will do us no good.

Balasubramaniam Pavani,
Secunderabad

Creating a ruckus in Parliament is nothing new as things have changed since the days of Jawaharlal Nehru. Even in matters that concern foreign relations, the ruling and Opposition parties can never take a joint stand. A uniform stand is essential in all cases of external threats.

P.R.V. Raja,
Pandalam, Kerala

The clash is indeed serious and the ruling party and Opposition must speak in one voice. It is the responsibility of the government of the day to call for an all-party meeting and share all the details. At no point should it be allowed to become a game of political one upmanship.

N. Nagarajan,
Secunderabad

The clashes are a grim reminder of an unresolved border dispute between the two Asian giants. Despite the existence of an institutional mechanism to engage in dialogue, the persistent attempts by China to unilaterally alter the status quo on the Line of Actual Control are disturbing. Given the increasing assertiveness of China along the LAC, India has to be better prepared to foil the Chinese designs.

M. Jeyaram,
Sholavandan, Tamil Nadu

China is becoming a huge concern. The Indian soldiers appear to have handled the situation deftly. But the fact is that China cannot be trusted. India has to be in a constant state of alert.

Utkarsh Singh,
Lucknow, Uttar Pradesh

Recusal and effects

The Bilkis Bano case is horrifying and even the lay person with little or no knowledge of the nitty-gritties of the law is sure to be taken aback on getting to know about the release of the perpetrators. In this context, the development where a Supreme Court judge has recused herself from hearing the petition submitted by Ms. Bano is startling. It does raise questions. Apart from this, it has the potential to affect the confidence reposed by the people in the judiciary. The present Chief Justice of India, with a mine of knowledge in the law and having created the perception that he is a chip off the old block, needs to send out a strong signal in this case which will serve as a beacon to future judges.

Mani Natarajan,
Chennai

Letters emailed to letters@thehindu.co.in must carry the full postal address.

Census as a mirror of past and present

Pulapre Balakrishnan

teaches at Ashoka University, Sonipat

A recent study of India's experience under colonial rule by Dylan Sullivan and Jason Hickel concludes that data from the Census of India reveal that between 1880 and 1920 approximately 100 million Indians died due to British policy in India. Their method is to calculate the excess mortality, being the difference between the actual deaths and the deaths that may be expected. While they used Census data for actual deaths, the duo arrived at the deaths to be expected using two alternative benchmarks - the mortality rate for India in 1880 and that for England in the 16th and 17th centuries.

The assumption implicit in the choice of the latter as a benchmark is that before colonial rule, the mortality rate of India is unlikely to have been very different from that of contemporary England. The resulting estimates for excess deaths during 1880-1920 are 50 million in the first case and 160 million in the second one, respectively. The authors settle for the midway figure of approximately 100 million for the deaths caused in India due to colonial policy. For perspective, they point out that this figure is greater than the death from famine in "the Soviet Union, Maoist China, North Korea, Pol Pot's Cambodia, and Mengistu's Ethiopia". In their view, this provides a direct assessment of the consequences of the Raj for India.

Attempts to quantify the impact of colonial rule in India have mostly relied on the change in national income. But reliable income data for the nineteenth century are almost non-existent. Population figures, though, are available from the time of the first Census of India in 1871. The age-wise population distribution in the census has been used to estimate the mortality rate, which Sullivan and Hickel utilise to draw conclusions about the evolution of economic conditions in colonial India. Their figure for excess deaths is of course only as good as the benchmarks chosen, and the mortality rate itself is the result of estimation and not enumeration, for the registration of births and deaths became established practice in India only much later on.

Subject to these caveats, the Sullivan-Hickel study does draw attention to something not so widely recognised. The mortality rate in British India is seen to rise steadily after 1881, recording an increase of close to 20% by 1921. As it is unusual for the mortality rate of a country to rise continuously due to natural causes, this suggests that the living conditions worsened during this period. The mortality rate dipped in 1931, which was the last census conducted in British India, but the last famine recorded in the country was yet to come. It took place in Bengal in 1943, in the last five years of the close to two centuries of British colonial rule.

Recurring famines

British arguments for the empire, including "English forms of land tenure, the English language, banking, the common law, Protestantism, team sports, the limited state, representative assemblies, and the idea of liberty", have been advanced by the Harvard historian Niall Ferguson. But in this statement, there is no mention of the famines which started almost at the onset of rule by the East India Company in Bengal, the de-industrialisation of India in the nineteenth century, the drain of wealth, or the worsening food security as India's peasants were forced to grow commercial crops for export so that Britain could balance its trade. Indian economic historians have analysed these developments. Yet, by drawing our attention to a sustained rise in the death rate at the height of the Raj, the Sullivan-Hickel study vindicates Dadabhai Naoroji's claim of the immiserisation of India under British rule.

The belief that British policy in India caused repeated famines is bolstered by the fact that there has not been a single famine since 1947. This is despite a population explosion following a sharp fall in death rates. The decline in the mortality rate surely signals improved living conditions. The Census shows that in the 1950s, life expectancy at birth of Indians increased by more than it did in the previous seventy years.

A double-edged sword

But the Census, from which we know all this, can be a double-edged sword in the hands of nationalists. The population numbers recorded after 1947 point to the extent to which the lives of Indians improved since the end of colonial rule in dimensions other than merely income. However, the mirror it holds up is not always flattering to us. It points to a worsening gender inequality in India. A simple indicator of this would be the ratio of females to males in the population. It is believed that in the absence of factors that lower the life chances of women, including foeticide, this ratio would tend to one. The Census of India shows that we have not attained that level in our recorded history, except in pockets within the country.

While this is disturbing in itself what is more so is that this ratio has steadily declined after 1947. After declining for four decades from 1951 it started inching up in 1991. But in 2011, it was yet lower than what it was in 1951. So, even though life expectancy increased soon after Independence, in the early years at least it increased faster for men than it did for women. So, though India became free of foreign rule, some Indians grew more free than others. As India chants Vasudhaiva Kutumbakam at the G-20, implying that the nations of the world are a family, it behooves us to ensure that all the persons in our own family enjoy the same freedoms.

The Census of India not only helps understand the perils of British rule, but also flags the roadblocks lying ahead

A political act in the making

M.K. Stalin's son had an easier rise to the post of a Minister unlike his father

STATE OF PLAY

B. Kolappan
kolappan.b@thehindu.co.in

Ever since the DMK won the Tamil Nadu Assembly election in 2021 after a gap of 10 years, there had been speculation that actor-producer Udhayanidhi Stalin, the party's youth-wing leader, may be inducted into the Cabinet headed by his father M.K. Stalin. Though there was a clamour from a section of the party - not to mention whispers of pressure from his family - to make him a minister, Mr. Stalin did not immediately opt for it, wary of criticism that it would be called out as dynastic politics. However, he could not delay it for long. On Wednesday, Mr. Udhayanidhi was sworn in a minister with the portfolios of Youth Welfare and Sports Development, Special Programme Implementation, and Poverty Alleviation Programme and Rural Indebtedness.

The shifting sands of Tamil Nadu politics has ensured a meteoric rise for Mr. Udhayanidhi in the party and in the government, while his father had to wait for almost half a century to become the party leader and Chief Minister.

Mr. Stalin had to spend many years under the shadow of his redoubtable father, M. Karunanidhi, despite a long career as the DMK's youth wing secretary, the first elected Mayor of Chennai, and an MLA, before he was made the Minister of Local Administration and the Deputy Chief Minister.

Karunanidhi, who had to compete with other DMK stalwarts during the time of its founder C.N. Annadurai, captured the party leadership

through political manoeuvres in 1969. Subsequently, his friend-turned-foe in politics, M.G. Ramachandran, remained a formidable challenge. Later, Jayalalithaa replaced her mentor as a formidable foe. Yet, Karunanidhi never played into the hands of his political enemies by promoting his son early, though the party gradually came under Mr. Stalin's control. The DMK was also once critical of the dynasty politics of the Nehru-Gandhi family.

No challenge

Mr. Udhayanidhi faces none of the challenges encountered by his grandfather and father. First, there is no strong Opposition to raise the issue. His uncle and former Union Minister M.K. Alagiri, who once challenged Mr. Stalin's elevation, is no longer in the picture. In recent years, Mr. Stalin has given party tickets to the children and relatives of almost all DMK regional satraps, giving them no room to complain now.

AIADMK, the main Opposition party that can campaign against Mr. Udhayanidhi's elevation, is riddled with inner-party squabbling. Only former Chief Minister Edappadi Palaniswami has called out Mr. Stalin for promoting dynastic politics, while his rival O. Panneerselvam does not have the moral authority to raise the issue, as his son P. Ravindhranath is already an MP. The BJP, of course, will step up its attack on dynastic politics. MDMK general secretary Vaiko, who revolted against the DMK leadership against the promotion of Mr. Stalin, has already paved the way for the rise of his son Durai Vaiyapuri in the party.

An eventuality

In a country where regional parties in most States are run by families, and the main Opposition party at the Centre, the Congress, struggles with experiments to elect a leader outside its first family, Mr. Udhayanidhi's elevation may appear inevitable. Political parties need a leader with charisma to attract crowds. The AIADMK remains a divided house because it does not have a leader with Jayalalithaa's appeal. In the BJP too, L.K. Advani had to step aside for a more charismatic Narendra Modi.

In the case of Mr. Udhayanidhi, he and his father are fully aware of the criticism. However, they must reckon that the backlash would weaken over time. In addition, they believe the initial murmurings could be overcome by performance. Mr. Udhayanidhi has shown he can easily attract people. During the pandemic, he ensured that almost all households in his constituency received essential commodities. Given that he is a political power centre, he will have at his disposal the State government's resources and efficient officials to prove his mettle.

Mr. Udayanidhi's elevation to the Cabinet is unlikely to become a talking point during the 2024 Lok Sabha elections at it will be fought on national issues. By the time Tamil Nadu goes to polls four years later, much water would have flown under the bridge of State politics.

Himachal stands tall, but has more peaks to conquer

The State outperforms others in gender and education indicators, but has a patchy record in terms of health and environment

DATA POINT

Gautam Doshi

In the NITI Aayog report on Sustainable Development Goals 2020, Himachal Pradesh is ranked second in the country and the only north Indian State, other than Uttarakhand, that figures in the top 10. Between 1990-2019, Himachal made the most progress when it comes to the Human Development Index (HDI) (see **Table 2**).

A look at the State's performance across socio-economic indicators reveal a few issues that should be of concern to the State's new regime. The largely hilly terrain State's performance is much better in some indicators such as female well-being, and others related to educational attainment, in comparison to other northern States – Jammu & Kashmir, Punjab, Uttarakhand, Haryana, Delhi, Uttar Pradesh, and Rajasthan. For e.g., in 2019-20, Himachal came second among northern States in the percentage of women aged 6 and above who attend school, and had among the least share of women aged between 20 and 24 married before they turned 18.

Yet, there are certain health indicators related to stunting, wasting, and underweight children that point to poorer performance by the State. Environment-related indicators - such as fossil fuel consumption per capita - don't paint a favourable image of the State.

Table 1 shows Himachal Pradesh's rank on social indicators and its actual score in 2019-20, 2015-16, and 2005-06. The table also showcases the change in Himachal's rank in 2019-20 when compared to 2015-16. The top three (major) States are also shown for comparison. The percentage of underweight children in the State in 2015-16 was 21.2% (ranked 8 out of the 30 States considered). But in 2019-20, the same indicator had increased to 25.5% indicating a growth in the number of underweight children, and Himachal Pradesh dropped to the 13th place. There was little improvement in the population of women that attended schools in Himachal – from 79% in 2015-16 to 81% in 2019-20.

In terms of Infant Mortality Rate (IMR), the State's record has been much better in recent years compared to the earlier part of this decade and the previous decade. In 2005-06, the State ranked 7th out of the 28 States considered – with an IMR of 36 (infant deaths for every 1,000 live-births). The State made little progress in the next 10 years, as the IMR in 2015-16 had decreased minimally to 34.3 causing it to slip to the 19th position. However, the State made noticeable progress later, as in 2019-20 the IMR had decreased to 25.6, much below the national average of 35.2, lifting its rank to 14.

Himachal's Per Capita Net State Domestic Product has been in the top half, in both 1993-94 (ranked 13 of 27) and 2020-21 (ranked 11 of 27) as shown in **Table 3**. Manufacturing has contributed to about 30% of the Gross State Value Added between 2019-20, and this is among the highest in the country, with major States like Gujarat and Uttarakhand ranked ahead of Himachal as shown in **Table 4**.

Among environment-related indicators, the State performed decently when it came to plastic waste generated per 1,000 people and the percentage of industries complying with wastewater treatment (**Table 5**).

Himachal's Gross Enrolment Ratio in higher education (18-23 years) and Adjusted Net Enrolment Ratio in elementary education (Class 1-8) place it among the best performers as shown in **Table 6**. The State's average annual dropout rate at the secondary level (class 9-10) is the lowest in the country and the Gross Enrolment Ratio (GER) in higher secondary (class 11-12) is the highest in the country.

Himachal report card

The tables show Himachal's performance across socio-economic indicators. The data for the tables were sourced from the National Family Health Survey, Ministry of Statistics and Programme Implementation, Global Data Lab and NITI Aayog

Table 1

	2019-20				2015-16		2005-06	
Indicator	Value	H.P.'s rank	Top major States	Change from 2015-16	Value	H.P.'s rank	Value	H.P.'s rank
% women who ever attended school	81	10 of 30	Kerala: 95.5; Delhi: 83.8; T.N.:80.4	0	79	10 of 30	73.1	6 of 28
Women aged 20-24 married before 18 years of age (%)	5.4	2 of 30	J&K: 4.5; Kerala: 6.3; Punjab: 8.7	1	8.6	3 of 30	12.3	2 of 28
Infant mortality rate (per 1,000 live births)	25.6	14 of 30	Kerala: 4.4; T.N.: 18.6; W.B.: 22	5	34.3	19 of 30	36	7 of 28
Stunted children (low height-for-age) (%)	30.8	12 of 30	Kerala: 23.4; Punjab: 24.5; T.N.: 25	-7	26.3	5 of 30	38.6	9 0f 28
Wasted children (low weight-for-height) (%)	17.4	14 of 30	Punjab: 10.6; Delhi: 11.2; Haryana: 11.5	-9	13.7	5 of 30	19.3	19 of 28
Underweight children (weight-for-age) (%)	25.5	13 of 30	Punjab: 16.9; Kerala: 19.7; J&K: 21	-5	21.2	8 of 30	36.5	13 of 28
Households with any member having a health insurance (%)	34.5	16 of 30	Rajasthan: 87.8; Chhattisgarh: 71.4; Andhra: 70.2	-2	25.8	14 of 30	5.5	14 of 28
Population that use an improved sanitation facility (%)	81.8	10 of 30	Kerala: 98.7; Punjab: 86.6; Haryana: 85	-1	72.3	9 of 30	-	-

Table 2: HDI

2019			1990	
Value	Himachal's rank	Top major States	Value	Himachal's rank
0.725	4 of 30	Kerala, Delhi, Punjab	0.478	14 of 30

Table 3: Per capita NSDP

2020-21			1993-94	
Value	Himachal's rank	Top major States	Value	Himachal's rank
1,83,333	11 of 27	Delhi, Karnataka, Haryana	7870	13 of 27

Table 4

Indicator (2019-20)	Value	Himachal's rank	Top major States
Manufacturing GVA as a % of total (current prices)	29.04	5 of 30	Gujarat, Uttarakhand, Haryana
% of manufacturing employment	6.48	24 of 30	Delhi, Gujarat, Haryana

Table 5

Indicator	Value	Himachal's rank
Hazardous waste generated (per 1,000 population in metric tonnes in 2018)	3.74	15 of 28
Plastic waste generated (average plastic generated per 1,000 population in tonnes, 2018-19)	0.51	7 of 30
Per capita fossil fuel consumption (Average fossil fuel consumed per capita in 2018-19)	227.4	25 of 30
Percentage of industries complying with wastewater treatment as per CPCB norms (%)	98.92	7 of 30

Table 6

Indicator (2018-19)	Value	Himachal's rank	Top major States
Gross Enrolment Ratio (GER) in higher education (18-23 years)	39.6	4 of 30	T.N., Delhi, Uttarakhand
Adjusted Net Enrolment Ratio (ANER) in elementary education (class 1-8)	97.82	5 of 30	Delhi, Karnataka, Uttarakhand
Average annual dropout rate at secondary level (class 9-10)	7.81	1 of 30	Kerala, Odisha, Uttarakhand
Gross Enrolment Ratio (GER) in higher secondary (class 11-12)	81.79	1 of 30	Kerala, T.N., Delhi

FROM THE ARCHIVES
The Hindu.

FIFTY YEARS AGO DECEMBER 15, 1972

Astronauts' farewell to moon

Space Centre (Houston), Dec. 14: Apollo 17 astronauts to-day ended their lunar exploration uncovering a plaque that said "May the spirit of peace in which we came be reflected in the lives of all mankind."

Navy Captain Eugene A Cernan, 38, and civilian geologist Harrison H. Schmitt, 37, made the declaration before boarding the lunar lander ship Challenger for the last time, concluding perhaps man's last walk on the moon in the 20th century.

The two Apollo 17 explorers left the lunar surface three-and-a-half years after two other American astronauts first set foot on the moon to open an unprecedented era of adventure and exploration.

It will mark the end of an era of exploration and knowledge opened dramatically on July 20, 1969, when Neil Armstrong and Edwin Aldrin became the first men to leave their footprints in the dusty soil of this alien planet.

And now the last moon explorers, Cernan and Schmitt, who built on the experience of others to conduct perhaps the most significant lunar exploration of the Apollo series.

Schmitt was first up the nine-rung ladder into Challenger's cabin. Cernan, the Apollo 17 commander, entered the hatch at 11-05 IST after declaring:

"I take three last steps from the surface for some time into the future to come.....I would like to record that America's challenge of to-day has forged man's destiny of to-morrow. We shall return, with peace and hope for all mankind."

A HUNDRED YEARS AGO DECEMBER 15, 1922

Forged currency note

The British Cochin Police are just now investigating a case in which a forged currency note of the denomination of Rupees five was presented at the Port Office counter by a Dallal's man, in payment of landing and shipping dues. The note has the appearance of a genuine note and has identical numbers on both sides, the only distinguishing features being that thick foolscap paper is used in place of the usual parchment and that the water lines are horizontal. The shroff seized the note and passed it on to the police who are now making enquiries.

From Page One

Hooch tragedy claims several lives in Bihar

When the Opposition BJP legislators raised the hooch deaths in the Bihar Assembly on Wednesday, Chief Minister Nitish Kumar lost his cool. "*Arre, tum bol rahe ho...chup raho. Sarabi ho gaye ho tum...tum log karwa rahe ho sab...kitna ganda kaam kar rahe ho...sabko baahar nikalo...yeh bardast nahi hoga* (Oh, you are speaking? Keep quiet. You [BJP legislators] have gone drunk...you have been doing all this [hooch tragedies]...what dirty work you've been doing...get all of them out...this will not be tolerated)," Mr. Kumar shouted.

The BJP members later created a ruckus inside the House and subsequently staged a walkout. They demonstrated outside the House, demanding Mr. Kumar's "apology" for his "undemocratic behaviour".

"Until Chief Minister Nitish Kumar apologises for his undemocratic behaviour, we will not allow the State Assembly to run smoothly...the way Mr. Kumar used unparliamentary language against BJP members on the floor of the House is not acceptable. The BJP has decided to boycott the House," senior BJP leader and leader of the party in the House, Vijay Kumar Sinha, said.

'File FIR against CM'

The BJP's leader of the party in the State Council, Samrat Choudhury, held Mr. Kumar responsible for the hooch deaths. Other protesting BJP legislators blamed the "nexus between police and illicit liquor traders" for the deaths. "I'll even appeal to the family members of those who died in the hooch tragedy to file an FIR (First Information Report) against Nitish Kumar," Mr. Choudhury said.

However, ruling party legislator and Finance Minister Vijay Kumar Choudhury said there was "no question of Mr. Kumar apologising as he has said nothing undemocratic".

"We've liquor prohibition law in Bihar but still people are drinking liquor and dying, which proves that it is not right to drink and die," Mr. Choudhury said. "Opposition members often claim that liquor is available everywhere in the State but when we ask them to provide details of sellers, they turn silent," he said.

Raids under way

"We have detained three persons after the incident and raids are being conducted to nab others involved in the illegal liquor business," Superintendent of Police-Saran, Santosh Kumar, said.

Speaking to local mediapersons, District Magistrate Rajesh Meena said: " Investigation is on. We have urged villagers to report fearlessly about illegal liquor trade in the area."

Wholesale price rise fell to 5.85% in November

The Commerce and Industry Ministry said the decline in inflation this November is 'primarily contributed by fall in prices of food articles, basic metals, textiles, chemicals & chemical products and paper & paper products' compared to November 2021.

The high base effect from a year ago also played a role, as wholesale inflation stood at 14.87% in November 2021, but this is the sixth successive month of moderation in wholesale inflation since it hit a record peak of 16.63% in May. Retail inflation also cooled in November to an 11-month low of 5.88% from a nearly eight-year high of 7.8% in April, driven by an over 8% deflation in vegetable prices.

At the wholesale level, vegetables recorded a deflation of 20.1% in November compared to a 17.6% inflation in October, as per official data, with onions recording a 19.2% fall in prices and fruits reported deflation of 1.1%, from a year ago. Potato inflation moderated significantly to 13.75% in November from 45% in October and 49.8% in September.

However, some key food items saw an acceleration in wholesale inflation, similar to the uptick in retail prices, with cereals inflation rising to 12.85% from 12% in October and wheat inflation nudging up from 16.25% in October to 18.11% in November.

Row in House over China border tussle

Deputy Chairperson of the Rajya Sabha Harivansh said no notice had been given by any of the Opposition parties on the issue and a debate could not be allowed.

"Our effort from the start has been that we get full information and the country is also informed of what the actual situation there is," Mr. Kharge said. He continued to speak but his mike was switched off.

Opposition members shouted slogans for some time before staging a walkout.

The decision to walk out if the government refused a discussion on the border skirmish was taken by 17 Opposition parties, which met before both the Houses convened for the day. The meeting was hosted by the Congress president, Mr. Kharge.

Among the parties that attended the meeting, apart from the Congress, were the RJD, the Aam Aadmi Party (AAP), Marumalarchi Dravida Munnetra Kazhagam (MDMK), Communist Party of India-Marxist (CPI-M), Communist Party of India (CPI), Janata Dal-United (JD-U), DMK and the Telugu Desam Party (TDP).

CBI lodged 15 cases for derogatory posts since 2019, says govt.

The NCRB does not maintain data under 'hate crime' as it is not defined in the Indian Penal Code, says Home Ministry in the Rajya Sabha

The Hindu Bureau
NEW DELHI

Keeping posted: Union Minister Jitendra Singh said 28 chargesheets had been filed in nine cases.

The CBI registered 15 cases from 2019 to November 2022 in connection with alleged derogatory posts against government and constitutional functionaries, Union Minister of State for Personnel Jitendra Singh said in the Lok Sabha on Wednesday.

Of these, six were under investigation, while in nine cases, 28 chargesheets had been filed against 28 accused, he said in a written reply to a question by T.R. Baalu. All the cases in which chargesheets had been filed were under trial.

In November 2020, the CBI had taken over 12 cases earlier registered by the cybercrime unit of the Amaravati police, following a directive by the Andhra Pradesh High Court to probe the allegations that some judges of the Supreme Court and the Andhra Pradesh High Court were being intentionally targeted through interviews to the media, and abusive comments and threats on social media platforms.

Hate crime

In the Rajya Sabha, the Union Home Ministry said that as the Indian Penal Code did not define any offence as "hate crime", the National Crime Records Bureau (NCRB) did not maintain data under the head "hate crime".

The Ministry said police and public order were State subjects. Minister of State for Home Nityanand Rai, in a written reply, said State governments were responsible for the prevention, detection, registration and investigation of crimes and for prosecuting criminals through their law enforcement agencies. However, the Ministry had issued advisories from time to time to ensure that any person who took law into his or her own hands was punished promptly.

India shares Aadhaar roll-out experience with G-20 members

The Hindu Bureau
NEW DELHI

The meeting of the Finance Track was held in Bengaluru on December 13 and 14.

Challenges before inclusive digital economy, digital currencies and global economic factors were discussed during the first meeting of the G-20 'Finance Track' in Bengaluru on December 13 and 14.

The meeting included segments on inflation, monetary policy, commodities crisis that intensified after the beginning of the war in Ukraine, sustainable development goals and global public goods like climate, urban planning, and international taxation.

"Substantive discussions were held during the session on international taxation on the priority areas for 2023, including monitoring the progress of the Two-Pillar Tax Package being developed under OECD/G-20 inclusive framework, enhancing tax transparency and multilateral capacity building on taxation," the G-20 Secretariat said in a press release.

Ajay Seth, Secretary, Department of Economic Affairs, on Wednesday said the Indian side shared its experience in rolling out Aadhaar and the digital payments system during the meeting.

He revealed that India was poised to help others in framing the Financial Inclusion Action Plan for 2024-26. "Digital public infrastructure leading to financial inclusion, and financial inclusion is not limited to just the bank accounts but also transactions and what it can facilitate for the companies as well. That will be one of the priorities where action will be there," he added.

Stay informed
Read our explainer on G-20
bit.ly/3We5BTW

BSNL is going to be revived in a big way, says Minister

The Hindu Bureau
NEW DELHI

State-run Bharat Sanchar Nigam Ltd. (BSNL) went through a very bad phase "primarily" due to political parties during the UPA government, and was used like a "cash cow" by certain people who were still MPs, Union Information Technology Minister Ashwini Vaishnaw said during Question Hour on Wednesday.

But now, the Prime Minister had approved a package of ₹1,64,000 crore for the revival of BSNL. This would totally transform it, he added.

"In line with the Prime Minister's Make-in-India initiative, today, the 4G and 5G technologies stack are made in India, designed in India, and developed in India. Today, it is recognised all over the world...Now, BSNL is going to be revived in a very big way," he said.

He added that the revival measures focussed on infusing fresh capital for upgrading BSNL services, allocating spectrum, destressing its balance sheet and augmenting its fibre network.

Need for fiscal prudence in implementing PFMS: panel

The Hindu Bureau
NEW DELHI

The Public Accounts Committee (PAC), in its 54th report on "Implementation of Public Financial Management System (PFMS)", stressed fiscal prudence in financial planning by incorporating scientific methods into budgeting, projecting and utilisation of funds.

Noting that the actual budgeting and year-to-year phasing of expenditure varied from the plan approved by the government, the committee observed in its report presented on Wednesday that the tasks related to the implementation of the PFMS appeared to have been dealt with a casual approach and there was no proper financial planning of the process.

The committee held the view that incorporating scientific methods into budgeting, projecting and utilisation of funds would have ensured maintenance of fiscal prudence.

House committee calls for more medical facilities for troops at forward locations

The Hindu Bureau
NEW DELHI

Ministry may fulfil assurance that there is no shortfall of high altitude clothing and equipment in Army

The Public Accounts Committee (PAC), in its 55th report on "Provisioning, procurement and issue of High Altitude Clothing, Equipment, Ration and Housing", said all efforts should be made to fully implement Phase III of the Central Inventory Control Group (CICG) for effective inventory management and procurement.

The report, presented on Wednesday by Lok Sabha Member Satya Pal Singh on behalf of PAC Chairman Adhir Ranjan Chowdhury, is based on the Comptroller and Auditor General's (CAG) findings in 2019.

The committee observed that a huge quantity of essential items under the Special Clothing and Mountaineering Equipment (SCME) Category-II were procured or held when they were not issued or required for long. Noting that CICG, an automated centralised database, had been created to mitigate such issues, it said all measures needed to be taken to fully implement Phase III of the project.

The PAC recommended an overhaul of the contracting process between the Defence Ministry and vendors with built-in contractual responses and contractual liabilities on them; and an outcome-oriented monitoring of expenditure and revenue and capital procurement.

The committee said the Ministry should collaborate with friendly countries with similar geographical conditions and learn from their experiences for technical specifications. Sufficient technical expertise is available in various Indian institutions which could be deployed for projects in harsh terrains. It should periodically get feedback from troops deployed in high altitude areas in terms of taste, quality and hygienic conditions of rations.

The committee recalled its interaction with troops in the Drass and Kargil sector, during which they had been categorical in stating that, at times, medical facilities at forward locations were only minimal. Therefore, it recommended more comprehensive medical facilities for troops at forward locations.

The "Ministry may fulfil assurance that there is no shortfall of High Altitude Clothing & Equipment in Indian Army and complete entitlement of soldiers is adequately met at all forward locations of their deployment," the committee said in a release.

INBRIEF

Concession for senior citizens may not be restored soon

Arguing that the subsidy Bill of the Railways was already huge at ₹59,000 crore, Railways Minister Ashwini Vaishnaw on Wednesday hinted that the concession in railway tickets given to senior citizens might not be restored anytime soon."We have given ₹59,000 crore passenger subsidy last year. New facilities are coming. If new decisions are to be taken, we will take them. But as of now, everyone should look into the condition of the Railways," he said.

Eklavya schools running with just 58% of teachers: govt.

The Eklavya Model Residential Schools for tribal students are functioning with just 58% of the teachers required to do so, the Ministry of Tribal Affairs told the Rajya Sabha on Wednesday in response to a question from the Leader of the Opposition in the Rajya Sabha Mallikarjun Kharge. Minister of State for Tribal Affairs Renuka Singh Saruta said, "As per data submitted by States, there are 394 functional schools with 1,05,463 students... The proportionate teachers requirement is 7,030 and presently available teachers are 4,138."

Titles given for just 50% of the total claims on forest land

The Union government on Wednesday revealed in the Rajya Sabha that under the Forest Rights Act of 2006, titles had been given for just 50% of the total claims on forest land received till June this year from members of Scheduled Tribe communities and other traditional forest dwellers. The data showed that a total of 44.46 lakh claims have been made for title rights over forest land (both individual and community), against which title rights have been issued for just 22.35 lakh.

'Scholarship for Class 9 and 10 only under OBC category'

Amid confusion over whether the government had cancelled pre-matriculation scholarship for SC, ST and OBC students in government schools through Classes 1-8, Minister of Social Justice and Empowerment Virendra Kumar on Wednesday said, "The pre-matric scholar- ship has now been limited to Class 9 and 10 in government schools only under OBC category." He said this had been done to rationalise the scholarship.

NSCS has prepared draft cybersecurity strategy: govt.

The Hindu Bureau
NEW DELHI

The National Security Council Secretariat (NSCS) has formulated a draft National Cyber Security Strategy, which holistically looks at the issue of security of national cyberspace, the government said in the Lok Sabha on Wednesday.

Responding to a query from Lok Sabha members Rajveer Singh and Sukanta Majumdar raised in the wake of recent cyberattacks, Minister for Electronics and Information Technology Ashwini Vaishnaw said in a written reply the NSCS had formulated a draft strategy. However, the timeline for its implementation and other details were not mentioned.

Why Agniveers, other cadre have different pay scales: Delhi HC

The Hindu Bureau
NEW DELHI

The Delhi High Court on Wednesday asked the Centre why there was a difference in the pay scale of Agniveers and the regular cadre in the Army.

A Bench of Chief Justice Satish Chandra Sharma and Justice Subramonium Prasad asked Additional Solicitor-General Aishwarya Bhati, who was representing the Centre, "If the job profile is same, then how can you justify different pay? A lot will depend on the job profile. Get instructions on this and put it on an affidavit."

Ms. Bhati said that as the Agniveer cadre was separate from the regular cadre, their terms and conditions as well as responsibilities were also different from sepoys (soldiers).

Not regular service

"Agniveer has been created as a separate cadre. It will not be counted as regular service. After serving as an Agniveer for four years, if he or she volunteers and is found fit, then his journey in the regular cadre begins," Ms. Bhati submitted.

The Centre was responding to a batch of petitions challenging the Agnipath scheme of recruiting soldiers.

It said that below the officers' post, Agnipath was the only way to join the armed forces now at the soldiers' level and only the medical section had been kept out of it.

RS clears Bill to move Gond community to ST list in U.P.

The Hindu Bureau
NEW DELHI

The Rajya Sabha on Wednesday passed the Constitution (Scheduled Castes and Scheduled Tribes) Order (Second Amendment) Bill that aims to move the Gond community from the Scheduled Castes list to Scheduled Tribes list in Chandauli, Kushinagar, Sant Kabir Nagar and Sant Ravidas Nagar districts of Uttar Pradesh.

The Bill was discussed at length on Tuesday, with members cutting across party lines supporting the legislation. Some members insisted on considering the addition of other communities and also conducting a caste census so that accurate data can be gathered.

Maharashtra govt. to monitor interfaith, inter-caste couples

Abhinay Deshpande
MUMBAI

The Maharashtra government has constituted a 13-member committee to collect details of couples in interfaith and inter-caste marriages, and the maternal families of the women involved if they are estranged. State Minister of Women and Child Development Mangal Prabhat Lodha, who is heading the committee, said the move was aimed at avoiding a repeat of the Shraddha Walkar case.

However, the Nationalist Congress Party called it a "rubbish committee" and said that the Eknath Shinde-Devendra Fadnavis government had no right to spy on the private life of people.

According to a government order, the panel will hold regular meetings with district officials and collect information on registered and unregistered interfaith and intercaste marriages.

Speaking to *The Hindu*, Mr. Lodha said the State government's reason behind setting up the committee was to ensure that crimes like the murder of Shraddha Walkar did not happen again. "In some cases family members of the women, who get married without their acceptance, get estranged. In such cases our committee members, with the help of counsellors, will get in touch with the families and counsel them to resume the contact and get them together again," he said.

NCP MLA and former Minister Jitendra Awhad took to Twitter and asked the State government to "stay away from the private life of people." "What's this rubbish committee to check inter-caste/religion marriages?" he tweeted.

Mr. Lodha said that the Opposition had "every right" to criticise them, but the government had the responsibility to save the lives of people.

Centre tells Maharashtra, Karnataka to wait for SC judgment on border issue

Amit Shah meets Shinde and Bommai in New Delhi; panels of Ministers to be formed in both States for dialogue and a committee headed by an IPS officer will monitor law and order

The Hindu Bureau
NEW DELHI

Amit Shah flanked by the delegations from Maharashtra, right, and Karnataka on Wednesday. PTI

Amid the border row between Maharashtra and Karnataka, Union Home Minister Amit Shah met the Chief Ministers of both States and asked them to not claim any territory or make any demands till the Supreme Court gave its verdict.

Emerging from the meeting, Mr. Shah flanked by Chief Ministers Eknath Shinde of Maharashtra and Basavaraj Bommai said fake Twitter handles created in the name of senior politicians had played a role in whipping up emotions. "The Twitter handles were in the names of political entities. We have decided to file FIRs and expose the people behind this act," Mr. Shah said after the hour-long meeting.

He stated that a committee headed by an Indian Police Service (IPS) officer would be constituted to monitor law and order in the border areas. "No local, traveller or businessman should be disturbed on the basis of language they speak. The IPS committee will ensure this," he said.

Mr. Shah said the border dispute had to be addressed through constitutional means. "

Till the time the Supreme Court gives its verdict, no State will claim or generate demand for any territory as their own. Three Ministers each from both the States will meet and deliberate on how to percolate the message to the last mile. There are other local issues that are to be discussed," he said.

He also appealed to Opposition parties in both States to not politicise the issue.

Explained: What is the Karnataka-Maharashtra border dispute?
» bit.ly/disputeborder

Modi praises Gujarat BJP unit for displaying organisational strength

The Hindu Bureau
NEW DELHI

The BJP's parliamentary party on Wednesday felicitated Prime Minister Narendra Modi on the party's seventh straight win in the Gujarat Assembly polls, that too with a record-breaking margin, a victory Mr. Modi credited to the BJP's organisation at a meeting of the party's MPs.

This was the first meeting of the BJP's parliamentary party in the current Winter Session.

In turn, the Prime Minister praised the Gujarat unit, and said the victory is owed to the BJP's organisational strength. "Prime Minister Modi gave credit for Gujarat's victory to Gujarat BJP chief C.R. Paatil and BJP national president J.P. Nadda and the workers of the party," Union Minister Pralhad Joshi told reporters after the meeting.

According to Mr. Joshi, Mr. Modi also called on MPs to ensure the success of the G-20 meet to be held in India next year, and to treat it not as a government or a BJP programme but as India's programme.

He pointed out to the "*panna* (page) committee" system – every page has details of at least 30 voters in the area for micro-management – put in place by Mr. Paatil as being a contributor to the party's success.

Number of journalists jailed has reached record high: CPJ report

The Hindu Bureau
NEW DELHI

The number of journalists jailed around the world for practising their profession has touched a record high, with 363 reporters deprived of their freedom as of December 1, 2022, according to the 2022 prison census released by the Committee to Protect Journalists (CPJ), a non-profit organisation that promotes press freedom worldwide.

This figure is a new global high that overtakes last year's record by 20% "and marks another grim milestone in a deteriorating media landscape", the report said.

This year's top five jailers of journalists were Iran, China, Myanmar, Turkey, and Belarus, respectively.

Regarding India, the report said that the country, "with seven journalists in jail, continues to draw criticism over its treatment of the media, in particular its use of the Jammu and Kashmir Public Safety Act, a preventive detention law, to keep Kashmiri journalists Aasif Sultan, Fahad Shah, and Sajad Gul behind bars after they were granted court-ordered bail in separate cases." The report further noted that six out of these seven journalists were being investigated or charged under the terrorism-related Unlawful Activities (Prevention) Act.

INBRIEF

Stan Swamy's death is nothing short of murder, says CPI(M)

The latest report by a U.S.-based digital forensic analysis company, which says that fake documents used as evidence to implicate Father Stan Swamy in the Bhima Koregaon case were planted in his computer between 2017 and 2019, is a "damning indictment" of the Narendra Modi government and the modus operandi of the National Investigation Agency (NIA), the CPI(M) Polit Bureau said in a statement here. "Worst of all, Stan Swamy was refused bail, he was denied minimum facilities, his death in custody was nothing short of murder," the statement said.

Stop vacations for judiciary, demands Sushil Modi

BJP MP in the Rajya Sabha Sushil Kumar Modi on Wednesday demanded that judicial "vacations be vacated" as a measure to bring down high pendency of cases in courts. He was speaking on the New Delhi International Arbitration Centre (Amendment) Bill, 2022, when he made the demand. The Bill was cleared by the Rajya Sabha thereafter. He stated that courts remained shut for around 47 days in the summer and around 20 days during winter while all other public offices remained functional all year round.

More girls than boys adopted in last three years, data show

More girl children had been adopted than boys in the last three years, the government said in Parliament on Wednesday. According to data from the Women and Child Development Ministry, 2,991 children including 1,698 girls, were adopted in 2021-22. As many as 3,142 children, including 1,856 girls, were adopted in-country in 2020-21 and 3,351 children including 1,938 girls, were adopted in 2019-20. Women and Child Development Minister Smriti Irani said that after the new adoption regulations were brought in on September 23 this year, over 580 children were adopted.

भारत सरकार / अंतरिक्ष विभाग Government of India, Department of Space
भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान/ **Indian Institute of Space Science and Technology,**
[वि.अ.आयोग अधिनियम 1956 की धारा 3 के अधीन मानित विश्वविद्यालय घोषित]
[Declared as Deemed to be University under Sec.3 of the UGC Act 1956]
वलियमला पोस्ट, तिरुवनंतपुरम Valiamala PO, Thiruvananthapuram -695 547
दूरभाष/ Phone:0471-2568643/603, फैक्स/Fax:0471-2568602, ई – मेल E-mail: recruitment@iist.ac.in

संविदा के आधार पर चिकित्सा अधिकारी एवं स्थानिक सहायक होस्टल प्रबंधक के पद् कलिए प्रत्यक्ष साक्षात्कार
Walk-in-interview for the position of Medical Officer on contract and Resident Assistant Hostel Manager on Contract basis

भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान (आईआईएसटी) संविदा के आधार पर चिकित्सा अधिकारी एवं स्थानिक सहायक होस्टल प्रबंधक की रिक्ति भरने हेतु 21.12.2022 (बुधवार) को इसरो अतिथि गृह, मरप्पालम, पट्टम, तिरुवनंतपुरम में 09.00 बजे प्रत्यक्ष साक्षात्कार का आयोजन करता है। तिरुवनंतपुरम के नेडुमंगाड में वलियमला परिसर में स्थित संस्थान कलिए इनकी आवश्यकता है।/
Indian Institute of Space Science and Technology (IIST) conducts Walk In Interview on 21.12.2022 (Wednesday) at 09.00hrs at ISRO Guest House, Marappalam, Pattom PO, Thiruvananthapuram for the positions Medical Officer on contract and Resident Assistant Hostel Manager on contract basis. The requirement is for its Valiamala campus, Nedumangad, Thiruvananthapuram – 695 547.
शैक्षिक योग्यता, उम्र, अनुभव आदि से संबंधित अधिक जानकारी के लिए तथा आवेदन पत्र डाउनलॉड करने के लिए कृपया हमारी वेबसाईट https://www.iist.ac.in/career/2 देखें।
For more details such as educational qualification, age, experience etc., and for downloading application form, please visit our website **https://www.iist.ac.in/career/2**
विज्ञापन सं/Advt. No: IIST/ Admn/RMT/08/2022, दि./dated 14-12-2022

PARADIP PORT AUTHORITY
MARINE DEPARTMENT
No:MD/ACCTS/WK-R-12/2022/1337
Dated, the 09th December 2022
e-TENDER CALL NOTICE (e-TCN)
Name of the Work : "Supply of One Modern Survey Launch and Manning Crew on Hire for Hydrographic Survey of Paradip Port Waters for a period of seven years.". Estimated Cost put to tender : Rs.24,70,34,847/- excluding GST. Last date & time of submission of bids through on-line bidding is 1600 hours on Dt.06.02.2023. Technical Bids shall be opened at 1630 hours on Dt.07.02.2023. For details, please log on to the **Website : https://eprocure.gov.in/eprocure/app .**
Dy. Conservator
Paradip Port Authority
PPA/PR/213/2022-23, Dt.12.12.2022

KOCHI METRO RAIL LIMITED
(A joint venture company of Govt. of India & Govt. of Kerala)
4th Floor, JLN Stadium Metro Station, Kaloor, Ernakulam-682017
Ph: 0484-2846700
E-TENDER
Design and Construction of Terminal at Mattancherry (Phase 1 Stage- 1C) for Kochi Water Metro Project(KWMP)
Tender ID 2022_KMRL_538268_1
Last date of submission -30-Jan-2023 05:00 PM
Tender documents can be downloaded from www.etenders.kerala.gov.in / www.kochimetro.org
Further corrigendum & addendum will be published only on websites

IDBI BANK LIMITED
CIN No: L65190MH2004GOI148838 **Regd. Off.** WTC Complex, Cuffe Parade, Mumbai-400 005
1. RFP For Appointment of QSA for PCI DSS Certification and Implementation of Card Data Scanning Tool
2. RFP For Procurement of Software Solution & Implementation of SNA Account with Central & State Govt. Department under CSS
3. RFP For Empanelment of Vendors for Publishing Tender Advertisement in Newspapers.
4. EOI For Appointment of Service Provider/Consultant to Conduct the Risk Assessment of the Bank's IT Vendors.
IDBI Bank invites online proposals from eligible bidders for the above RFPs & EOI. Please visit Bank's website **https://www.idbibank.in (Notices & Tenders)** for details.
Note: Any further Addenda / Corrigenda / Extension of dates / Clarifications / Responses to bidders' queries in respect of the above RFPs & EOI shall be posted only on Bank's website and no separate notification shall be issued in the newspapers. Bidders are therefore requested to regularly visit Bank's website to keep updated themselves in this regard.

TAMILNADU CIVIL SUPPLIES CORPORATION
Head Office : 12, Thambusamy Road, Kilpauk, Chennai- 600 010.
Ph. No. (044) 26426773 E-mail id: tncsc.tn.@nic.in CIN:U15137TN1972SGC006157
SHORT E-TENDER NOTICE
No. : BS6/041861/2022 Dated:14.12.2022
Short E-Tender No: TNCSC/22-23/ET-50
Tamil Nadu Civil Supplies Corporation invites Online electronic tender for the **"purchase of 20,000 Metric Tonnes of any one of dal namely Tur dal (Split – Husked & Fatka) [Indigenous]/ Lentil locally known as Canadian Yellow Lentil (Split– Husked & Laired No.2)/ Lentil locally known as Canadian Yellow Lentil (Whole – Husked & Laired No.2) as per Agmark specification"** Complete short e-tender document can be viewed and downloaded through **https://www.mstcecommerce.com/eprochome/tncsc** and also available in **www.tenders.tn.gov.in** The bidders have to participate online bidding only with Digital Signature Certificate (DSC) of Class-II or Class-III
For Registration and further details contact
MSTC LIMITED, Phone: 25222842/ 25251910/ 25261005
e-Mail: mstcsro@mstcindia.co.in
Last Date and Time for Online Submission: **Upto 11.00 A.M. on 30.12.2022**
DIPR/5546/TENDER/2022 MANAGING DIRECTOR
சோதனை கடந்து சுதந்திரம் அடைந்தோம். சாதனை புரிந்து சரித்திரம் படைப்போம்.

TNPL TAMILNADU NEWSPRINT AND PAPERS LIMITED
Mondipatti, Manapparai Tk, Trichy Dist. - 621 306.
Ph.: 04332 - 261600
NOTICE INVITING TENDERS

Tender No.	Description of work	Due date
222323 003381	Procurement of Liquid Poly Aluminium Chloride (Low Basicity) for ETP for TNPL Unit - II	02.01.2023
222323 003385	Procurement of First Press Shoe Sleeve for TNPL Unit - II	29.12.2022
222323 003386	Procurement of Machine Felt for TNPL Unit - II	29.12.2022
222323 003387	Latex 1 (Top Coat - Acrylic binder) for TNPL Unit - II	29.12.2022
222323 003388	Latex 2 (Pre coat - SBR Binder) for TNPL Unit - II	02.01.2023
222323 003389	Anionic Trash Catcher (ATC) for TNPL Unit - II	28.12.2022
E-mail	222323003381 - purchasechem.u2@tnpl.co.in 222323003385; 3386 - purchaseimp.u2@tnpl.co.in 222323003387; 3388 & 3389 - purchaserm.u2@tnpl.co.in	

Corrigendum if any will be issued in TNPL Website and NIC portal only. Detailed terms & conditions, are available in Tender document at our Websites : **www.tnpl.com / www.tenders.tn.gov.in / https:// tntenders.gov.in/nicgep/app**
DIPR/5542/Tender/2022 *TNPL - Maker of bagasse based eco-friendly Paper*
"சோதனை கடந்து சுதந்திரம் அடைந்தோம், சாதனை புரிந்து சரித்திரம் படைப்போம்."

BRUHAT BENGALURU MAHANAGARA PALIKE
Office of the Executive Engineer, (Project-East), Nethaji Subhash Chandra Bose Building (PUB), 21st Floor, M.G. Road, Bengaluru-560001.
No.EE(P-E)/TEND/08/2022-23 Date: 13.12.2022
INVITATION FOR SHORT TERM TENDER(IFT)
(Through GOK e-Procurement Portal only) (Single & Two Cover System) (KW-1, KW-2 & KW-3)
The Executive Engineer, Project- East Division, invites tenders from eligible Tenderers for the works detailed in the table below:

Sl. No.	Name of Work	Approx. Amount put to tender (Rs. in Lakhs)	EMD (in Rs.)
Reserved for Others			
1	Replacing of sanitary line and other works at Nethaji Subhash Chandra Bose Building in Ward No. 111	100.00	2,00,000/-
2	Renovation of Zonal Commissioner (East) Office at 10th Floor, Nethaji Subhash Chandra Bose Building in Ward No. 111.	105.00	2,00,000/-
3	Special Repairs to Dr. B.R. Ambedkar Samuaya Bhavan in Ward No. 117.	30.00	60,000/-
4	Repair Works to Gouthamapura Samuaya Bhavan in Ward No. 114.	20.00	50,000/-
5	Repairs to Urban Primary Health Centre at Sonnenhalli in Ward No. 115.	8.00	20,000/-
6	Providing ETP Plant and BMW Room at Referral & Maternity Homes in East Zone.	15.00	37,500/-
7	Modification of D J Halli Maternity Homes in Ward No. 47.	52.00	1,04,000/-
8	Providing Fencing to BBMP assets in East Zone Jurisdiction (Including Parks, Playgrounds & Gardens).	70.00	1,40,000/-
9	Providing Fencing to BBMP assets in East Zone Jurisdiction.	62.50	1,25,000/-
Reserved for SC Category			
10	Providing Electrical works and other works at Ulsoor Refferal Hospital in Ward No. 89.	35.00	70,000/-
11	Providing Rainwater Harvesting at Nethaji Subhash Chandra Bose Building in Ward No. 111.	23.00	50,000/-
Reserved for ST Category			
12	Improvement works at Nethaji Subhash Chandra Bose Building in Ward No. 111.	50.00	1,00,000/-

1) Tender documents may be downloaded from the e-procurement portal **from 17.12.2022 onwards. 2)** Last date for submission of tender document : **26.12.2022, upto 16:00 Hrs. 3)** Date of opening of technical bids: **27.12.2022 at 16.30 Hrs.** Further details can be accessed from GoK e-procurement website: **https://eproc.karnataka.gov.in** or contact e-procurement helpdesk at : 080-22975815 or contact undersigned office.
Sd/- Executive Engineer, Project - East Division.

NATIONAL BRAIN RESEARCH CENTRE
(Deemed University)
NH-8, Nainwal Mode, Manesar -122 052, Distt.-Gurugram (Haryana)
Admissions to Ph.D. and M.Sc. (Neuroscience) programmes - 2023
NBRC invites applications for admission to Ph.D. and M.Sc. (Neuroscience) programmes.
NBRC admits students with diverse academic backgrounds that include various branches of Life Sciences, Physics, Chemistry, Mathematics, Statistics, Medicine, Pharmacy, Veterinary Science, Psychology, Electrical Engineering, Electronics and Communications Engineering, Computer Science and Information Technology.
Ph.D. Programme
Candidates can take any of the following qualifying examinations:
1. Joint Graduate Entrance Examination for Biology and Interdisciplinary Life Sciences **(JGEEBILS- December 2022)**
2. Graduate Aptitude Test in Engineering **(GATE-2022/GATE-2023)**, only for selected subjects.
3. Joint Entrance Screening Test **(JEST-2023)**
4. Junior Research Fellowship (JRF) examination in selected subjects conducted by CSIR/UGC/DBT/ICMR
5. UGC-NET JRF qualified on/after **Dec 2021**

M. Sc. Programme
Candidates need to take Joint Graduate Entrance Examination for Biology and Interdisciplinary Life Sciences (JGEEBILS-December 2022) examination.
Candidates who join the M.Sc. programme will have option to continue in the Ph.D. programme upon fulfilling the required criteria.
For detailed information for admission through each of the above qualifying examination, please visit our website: **http://www.nbrc.ac.in/html/nbrc/index.html**
For any other admission related queries, send email to **admissions@nbrc. ac.in**

IMPORTANT DATES

1	NBRC Online application opens	13th December 2022
2	Last date for receiving application at NBRC for M.Sc. programme	31st March 2023
3	Last date for receiving application at NBRC for Ph.D. programme	16th May 2023

राष्ट्रीय इस्पात निगम लिमिटेड
RASHTRIYA ISPAT NIGAM LIMITED
(A Government of India Enterprise)
Azadi Ka Amrit Mahotsav
VISAKHAPATNAM STEEL PLANT
MATERIALS MANAGEMENT DEPARTMENT
Ph:+91 891 2519503/3500234 Ext.21015,
email:a_chowdhury@vizagsteel.com/kandregula@vizagsteel.com/ketha_mm@vizagsteel.com
GLOBAL TENDER NOTICE NO.Pur.22.17.0013/0008 DT:03.12.2022
Global Tender Notice for Supply of 'IMPORTED COKING & PCI COAL' Work: Sealed tenders are invited for supply of 300,000 (Three Lakhs) MT of **'Imported Coking Coals'** and 75,000 (Seventy Five Thousand) MT of **'Imported PCI Coal'**, with a Shipping Tolerance of +/-10% as per the specifications indicated in Tender document.
RINL/VSP intends to take the delivery of shipments tentatively from January 2023 onwards. However, the tenderer shall undertake deliveries as per clause 2.2 of Part-VII of tender. RINL/VSP reserves the right to postpone the deliveries by a period of upto 1 month beyond the contracted delivery period, without any additional financial implicatioin to the Purchaser.
Last date & time for receipt of Tenders: 26.12.2022 by 10.30hrs(IST)
Tenderers who are interested to participate in the tender can download the tender document from the website **WWW.VIZAGSTEEL.COM (under MM->MM Tenders)** and submit their offer before 10.30 hrs IST on **26.12.2022** as per the instructions given in the Tender document. In case of difficulty in downloading of Tender document, the Tender document shall be sent by Post free of cost on written request from the Tenderer. **GENERAL MANAGER (MM)I/C**
For more details & corrigendum please visit regularly www.vizagsteel.com

GOVERNMENT OF TAMILNADU
PUBLIC WORKS DEPARTMENT
Buildings (C & M) circle, Madurai– 625 002.
Notice Inviting Tenders Pre Qualification Tender (Two cover system)
Tender Notice No:25SE /Buildings (C & M) Circle / Madurai / 2022-2023 / Date: 13.12.2022.
For and on behalf of Governor of Tamil Nadu sealed Tenders are invited from the contractors registered in Public Works Department in the appropriate class to the office of the Superintending Engineer, PWD, Buildings (C & M) circle, Madurai.

Sl No.	Name of Work	Approx Value Rs. in Lakhs	Period of Completion	EMD to be remitted in favour of the Office
01	**Two cover system** Construction of National Level Institute of Co-operative Studies, Research and Training at Mannavanur Village in Kodaikanal Taluk of Dindigul District.	10883.50	18 Months	EMD Amount Rs. 54,51,750/- The Executive Engineer, PWD, Buildings (C & M), Division, Dindigul.

For further details and tender documents visit the website **www.tenders.tn.gov.in and www.tntenders.gov.in** Cost of tender schedule for Rs.15000 + GST paid , **tender document available 15.12.2022 to 18.01.2023 up to 5.45 pm in the circle office and Pre Qualification** Tender received up to 3.00 PM on 19.01.2023 and tenders will be opened 3.30 PM on the same day.
Superintending Engineer, PWD., Buildings (C & M) circle, Madurai.
DIPR/5519/TENDER/2022
சோதனை கடந்து சுதந்திரம் அடைந்தோம். சாதனை புரிந்து சரித்திரம் படைப்போம்.

Coal India Limited
(Maharatna Company)
All the tenders issued by CIL and its Subsidiaries for procurement of Goods, Works and Services are available on website of Coal India Ltd. **www.coalindia.in** respective Subsidiary Company, CIL e-procurement portal **https://coalindiatenders.nic.in** and Central Public Procurement Portal **https://eprocure.gov.in.** In addition, procurement is also done through GeM portal **https://gem.gov.in.**

INBRIEF

Madhya Pradesh may ban *Pathaan* over Deepika's attire

Targeting actor Deepika Padukone for her constumes in her upcoming film *Pathaan*, Madhya Pradesh Home Minister Narottam Mishra on Wednesday hinted at a possible ban on the film in the State. Referring to the film's recently released track *Besharam Rang*, Mr. Mishra, who is the official spokesperson for the State government, demanded that such "visuals be corrected". "The outfits that have been worn in the song are *prima facie* highly objectionable," Mr. Mishra said.

Teen suffers burns in acid attack in Delhi, three arrested

Two persons attacked a 17-year-old girl with an acid-like substance near Dwarka Mor in New Delhi on Wednesday. The victim has been admitted to Safdarjung Hospital. Three men have been arrested in this connection, the police said. They are currently being interrogated to ascertain the motive behind the attack. According to a doctor at Safdarjung Hospital, the girl suffered 7-8% facial burns and her eyes have also been affected. She is being examined and is admitted to the burns ICU ward and is stable. Police said one of the alleged culprits has been detained. Delhi Chief Minister Arvind Kejriwal demanded stringent punishment for those involved in the incident.

ED arrests Mukhtar Ansari in money laundering case

The Enforcement Directorate (ED) on Wednesday arrested jailed gangster-turned-politician Mukhtar Ansari in a money laundering case after he was produced before a court in Prayagraj in Uttar Pradesh, officials said. Ansari, a five-time former MLA, has been lodged in a jail at Banda in Uttar Pradesh for the last few years in connection with criminal cases being probed by the State police. Ansari was taken into custody by the ED under the criminal sections of the Prevention of Money Laundering Act after he was produced on Wednesday before a local court in Prayagraj.

Top court refuses early hearing of Bilkis Bano's plea

The Supreme Court on Wednesday refused to entertain submissions seeking the early setting up of a fresh Bench to hear Bilkis Bano's plea, challenging the remission of sentence of 11 convicts by the Gujarat government, in the gangrape case. A Bench comprising Chief Justice D.Y. Chandrachud and Justice P.S. Narasimha, was urged by lawyer Shobha Gupta, appearing for Ms. Bano, that another Bench should be constituted to hear the case. "The writ (petition) will be listed. Please, do not keep mentioning the same thing again and again. It is very irritating," the CJI said. "It will be listed. The review (plea) was also circulated yesterday [Tuesday]," he said.

Specific date will be given for pleas on Article 370, says SC

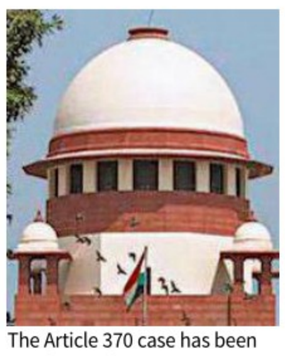
The removal of special status deprived Jammu and Kashmir of privileges; the petitions have challenged a Presidential Order of August 5, 2019

The Hindu Bureau
NEW DELHI

Chief Justice of India D.Y. Chandrachud on Wednesday said a specific date will be given for hearing a series of petitions challenging the removal of special status given to Jammu and Kashmir under Article 370 of the Constitution.

"I will examine and give a date," the Chief Justice said in response to an oral mentioning for the early listing of the case.

The last time the case was mentioned for early listing was on September 23 before the current CJI's predecessor, Justice U.U. Lalit, who had promised that it would come up after October 10.



The Article 370 case has been pending in the Supreme Court for over two years.

The Article 370 case has been pending in the Supreme Court for over two years. The case had not come up after a five-judge Bench refused to refer the petitions to a larger Bench in March 2020. The case had since been mentioned several times for early hearing.

The petitions have challenged a Presidential Order of August 5, 2019 which blunted Article 370.

The various petitions have challenged the Centre's "unilateral" move to impose curfew and unravel the unique federal structure of India by dividing Jammu and Kashmir "without taking consent from the people".

Separate petitions have contended that the August 5 Order and the Jammu and Kashmir Reorganisation Act of 2019 were arbitrary.

They have also challenged the proclamation of President's Rule in the State in December 2018.

The petitions have said what happened to Jammu and Kashmir "goes to the heart of Indian federalism".

BJP MPs say Nitish should reconsider prohibition policy

The Hindu Bureau
NEW DELHI

Union Minister Giriraj Singh and Bihar BJP MPs in New Delhi have raised the demand that Bihar Chief Minister Nitish Kumar take a second look at the State's prohibition policy.

The immediate spur for the demand was the death of five persons who allegedly consumed spurious liquor in Bihar's Saran district, according to the police on Wednesday. While the policy itself came under fire as the incident is one amid a series of such deaths, the rise in crime linked to the policy also came under attack.

Speaking outside Parliament, Mr. Singh said Mr. Kumar should convene an all-party meeting on the issue and take a decision accordingly. "If a policy is not successful, then it should be reconsidered," he said. "Liquor has become like God in Bihar. Everybody knows it is there, but nobody can see it," he added.

Personal prestige

Pataliputra MP and former Union Minister Ram Kripal Yadav echoed Mr. Singh's view and said Mr. Kumar should not make prohibition a matter of personal prestige.

"He should either implement it effectively or resign," he added.

"Every day people in Bihar are dying due to spurious liquor while Mr. Kumar remains obstinate about his policy which has failed. Crime is on the rise," Mr. Singh said.

He also slammed the Janata Dal (United) leader as Mr. Kumar flew into a rage over BJP members' attack on his government in the Assembly over the deaths allegedly due to spurious liquor, saying this "tasteless" conduct showed his frustration as his hold on power had become more tenuous.

'India losing territory due to faulty border pillars'

The Hindu Bureau
NEW DELHI

A Bharatiya Janata Party (BJP) member from Manipur said in Rajya Sabha on Wednesday that India was losing territory along the Manipur-Myanmar border due to faulty border pillars and demanded that the issue be taken up diplomatically with the neighbouring country.

Maharaja Sanajaoba Leishembaw raised the issue under 'Special Mentions' in the Upper House.

Mr. Leishembaw said a few months back officials from Ministry of Home Affairs came to Manipur to look into the reported irregularities about border pillars on Indo-Myanmar border. "The boundary fencing work along Indo-Myanmar border has been stopped because the border pillars are shifting towards Manipur leading to India's territorial loss. The discrepancies are along the new border pillars 64 to 68, 75 to 79, and 88 to 95."

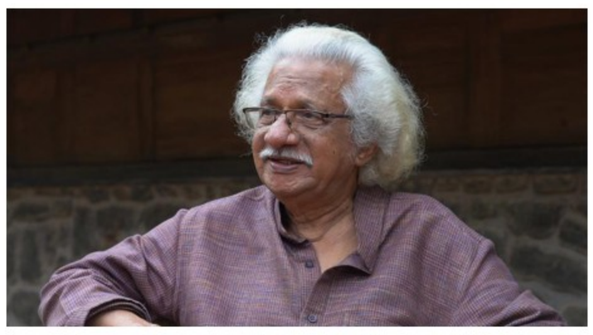
'You cannot think of cinema as a timepass'

I don't watch the OTT because I don't believe in releasing my films for cellphone and laptop viewing. A film is made for a viewing experience in a theatre.... cinema is a social experience and is meant to be watched by society in a darkened movie hall, says the renowned filmmaker

INTERVIEW

Adoor Gopalakrishnan

Anuj Kumar



The tumultuous bus journey that a young couple took in 1972 continues to captivate audiences. Swayamvaram remains relevant even 50 years after it first hit the screens and auteur Adoor Gopalakrishnan continues to deftly unravel the complexity of human relationships on screen.

In Delhi to attend a rare commemorative retrospective of his select films organised to celebrate 50 years of his creative journey, the much-feted filmmaker spoke to *The Hindu* on a range of issues and, of course, his art. Edited excerpts:

What has been your experience of engaging with Delhi?

We cannot avoid Delhi, we cannot escape Delhi! Engaging with the government is neither easy nor interesting. Cinema is equated with Bollywood: The bureaucrats are neither aware of nor interested in anything other than what is churned out in Mumbai. Automatically, we get segregated as outsiders.

My argument was that in this country I am known as a regional filmmaker. To become an Indian filmmaker, I have to go abroad.

Have things changed now with OTT platforms screening a number of films in south Indian languages with subtitles so they reach a pan-Indian audience?

I don't watch the OTT because I don't believe in releasing my films for cellphone and laptop viewing. A film is made for a viewing experience in theatre. How could you shrink it and show it on a smaller medium? Cinema is a social experience and is meant to be watched by society in a darkened theatre. Even TV was a compromise but we used to show films on Doordarshan after a significant time had elapsed after the theatre run. It was a secondary source of income, not the intention of making the film. Today, people are making films only for TV viewing which will destroy cinema.

It is being presented as a necessity after the pandemic...

For two years, COVID kept us inside and it led to this demand for in-house entertainment. But cinema, for survival, should not depend on the small screen. Today, even Hollywood is worried about the situation. When I take the journey up north in trains, I come across hawkers selling grams and peanuts on the running train. They call it 'timepass.' I realised they are selling the food item as a way to kill time during the long journey. You cannot think of cinema as a timepass.

What is your take on the idea of ideological censorship and propaganda films?

We are living in the days of Super Censor. First, the films are censored by a government officer and then by an invisible ecosystem on social media. This is ludicrous. Who are these people who sit on a judgment on a film? To me, they are anti-social.

When you don't trust the artist, it is not a very happy situation. Propaganda as a tool is not new to cinema. The Soviet Union did it in a very positive way after the Bolshevik revolution. It was led by the likes of Sergei Eisenstein who devised the grammar of cinema and inspired filmmakers across the world

In *Vidheyan* (1993) it is apparent that your films often deal with the power equation at different levels...

I was always interested in examining the position of a citizen as the very pivot of the whole thing and his engagement with the layers of family, society, and the state. I kept on working on these relationships. For this reason, my films are faithful documents of a period and living. Nothing is fake.

How do you deal with change in technology?

Technology is much simpler now. There is nothing new that needs to be adjusted to. It has become user-friendly. However, the basic requirement remains the same. If you are making a worthwhile film, you have to think beforehand. Cinema, whatever means of technology you use, is essentially a product of thinking. When people used to take years to finish a film, I could complete it in 30 days.

But you take long breaks in between films.

I take time in settling on a subject. It is not because I could not find the money. I could have easily made several films. I make a film only when there is a real throbbing within me to do it. And, in between, I lead a simple life that has nothing filmy about it.

These days younger filmmakers often talk of cinema being a collaborative effort...

When you are not a master of your craft, it becomes a collaborative endeavour. Nothing wrong with that if it works for them.

The retrospective is on at the India International Centre, New Delhi, till December 21.

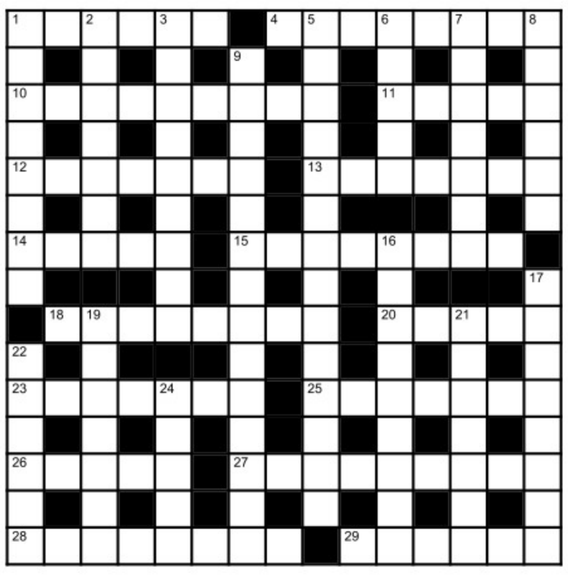
(For full interview, go to bit.ly/adoorgopal)

TH CROSSWORD + 13737

(set by KrisKross)

To solve this puzzle online, get across to our crossword site. @ *https://qrgo.page.link/jjpTn*

SCAN TO PLAY



Across

1 Penalizing fellow having a meal without date (6)
4 Pip hates changing deadlines! (8)
10 Emphasise: "This is where you put the denominator" (9)
11 One fabulous layer of gold (5)
12 KrisKross would retreat, afraid to lose energy in scrap (7)
13 Animal from America seen in roads going west (7)
14 Saint from Hardwar is hiding (5)
15 See gross, revolting monsters (8)
18 Relating to investigation of one thousand killed in alien attack (8)
20 Circle around, embracing a victor - "Well done!" (5)
23 Dog biting one viciously in part of the leg (7)
25 Difficult task overwhelms film star lacking a bit of help (7)
26 Loves to get hold of ticket for location in New Zealand (5)
27 Scientist initially refused his Nobel angrily (5,4)
28 Thrilled about electric vehicle getting promoted (8)
29 Stupid people in India one spots all around (6)

Down

1 Architects for sinks (8)
2 Underworld dons - crazy people who need to be exposed (7)
3 Story of citizen locking up a luxury car (9)
5 Poor doctor finally seeks cure, battling a tense situation (8,6)
6 Wild animal to die in container (5)
7 Appropriate for treatment (7)
8 They were magical times (6)
9 Rioting: Leaders of Russia perhaps send in police to bring about complete quiet (3-4,7)
16 Resumed business after firing everyone inside, struggled and went underwater (9)
17 Wives are against taking orders (8)
19 Members of fleet are possessive about work (7)
21 Designed a room very lovingly (7)
22 Comedian's assistant goes to dance (6)
24 Perfume from a gypsy (5)

SUDOKU

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								1
9		1			3	2	5	
		5	6				8	
7				1				6
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2								
3					9			

No.SS5649 Distribution: www.knightfeatures.com

DIFFICULTY RATING: ★★★★☆

Solution to previous puzzle

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Solution to yesterday's Sudoku

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3	5	1	2	4	6	8	7	9
6	9	2	7	8	1	4	5	3
8	6	4	9	2	5	1	3	7
7	2	5	1	3	8	9	6	4
9	1	3	6	7	4	2	8	5
1	4	7	8	6	3	5	9	2
5	3	6	4	9	2	7	1	8
2	8	9	5	1	7	3	4	6

FAITH

Conferring auspiciousness

A poet should set forth the aim of his work right at the beginning. He must also pay his salutations to God, and indicate the benefits of reciting his work. Kooratazhvan's Varadaraja Stava, in praise of Lord Varadaraja of Kanchi, has all these elements, said Kazhiyur B. Devarajan. In the first sloka, the first word is "*svasti*." This is Kooratazhvan's salutation to Lord Varadaraja, whose Consort is Perundevi. He addresses Lord Varadaraja as "*hastigiri masta sekhara*." Hastigiri is the hill on which Lord Varadaraja stands. Masta means the top of the hill. Sekhara means ornament. Lord Varadaraja is the ornament which adorns the top of Hastigiri.

Through the words "*nissama abhyadhika*", Kooratazhvan emphasises that the Lord is unequalled and unsurpassed. The Supremacy of Lord Narayana is averred by the Upanishads and the Divya Prabandham. Who but Lord Narayana is called Devadirajan, another name by which Lord Varadaraja is known? Devadirajan indicates that Varadaraja is the king of all, including the devas.

There was a devotee called Nampaaduvaan, who used to sing the praises of Lord Narayana. He was once stopped by a Brahmarakshas, which wanted to consume him. He told the Brahmarakshas that he would return after his worship. Nampaaduvaan said that if he did not keep his promise, then the sin of equating Lord Narayana with other devas would accrue to him. This story is worth recalling when one pays tribute to Lord Devadirajan of Kanchi. Kooratazhvan prays that Lord Varadaraja must confer auspiciousness on him always. Anyone who recites Varadaraja Stava will also be blessed with auspiciousness.

UNITED NATIONS

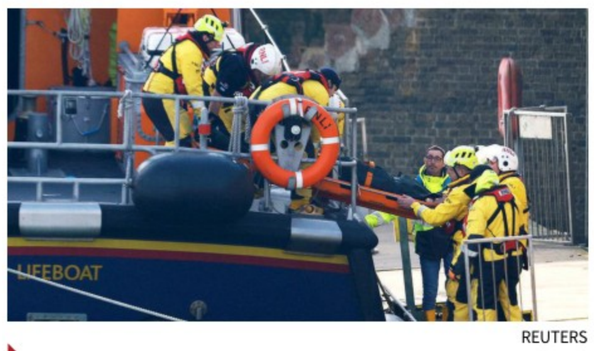
UN removes Iran from women's rights body over rally crackdown

AFP

The UN on Wednesday voted to remove Iran from a women's rights body over Tehran's brutal crackdown of women-led protests. Iranian pro-democracy activists hailed the expulsion of the Islamic republic from the United Nations Commission on the Status of Women (UNCSW) for the remainder of its 2022-2026 term. AFP

LONDON

At least four dead, dozens rescued after boat capsizes in Channel



REUTERS

At least four people died when a small boat apparently packed with migrants capsized in freezing temperatures in the Channel overnight, the U.K. government said on Wednesday. Dozens of others were plucked from the waters of one of the world's busiest shipping lanes in a large-scale rescue operation. AFP

ISTANBUL

Istanbul's Opposition mayor barred from politics over 'insult'

REUTERS

A Turkish court on Wednesday sentenced Istanbul's popular Opposition mayor Ekrem Imamoglu to nearly three years jail in a politically charged defamation trial that effectively bars him from standing in next June's presidential election. The case was about a remark he made after defeating President Erdogan's ally in 2019.

LIMA

Peru declares state of emergency as ousted leader remains in prison

AFP

Peru declared a nationwide state of emergency on Wednesday amid violent protests against the ouster of ex-president Pedro Castillo that have left seven people dead. The message came as Mr. Castillo was ordered to remain in prison, on charges of rebellion and conspiracy for another 48 hours ahead of a hearing. AFP

China targets elderly with booster jab drive as COVID-19 cases surge

Beijing has seen long lines outside fever clinics, but as yet has not seen any apparent strain on hospital resources for treatment of severe cases; Government not to log daily asymptomatic cases as the rise in numbers is 'impossible to track'

Ananth Krishnan
BEIJING

Urgent care: A woman tends to a child at the fever clinic of a Children's hospital in Beijing on Wednesday. AP

Chinese authorities on Wednesday said they would launch a vaccine booster shot campaign targeting the elderly, amid a record surge in COVID-19 cases.

Beijing for the first time said it would also no longer report daily asymptomatic cases because the rapid surge had made the numbers "impossible to track".

A week after China's easing of "zero-COVID" restrictions, cases have spiralled around the country. The capital has seen long lines outside fever clinics, but as yet has not seen any apparent strain on hospital resources for treatment of severe cases.

Fever clinics, set up as the first point of contact to avoid a strain on hospital services, have seen the number of patients jump 16 times from a week earlier to 22,000 on Sunday, according to Li Ang, deputy director of the Beijing Health Commission. City hospitals had also seen a six-fold increase in patients with flu symptoms, while 31,000 emergency medical calls were made on December 9, also a six-fold increase, the official *China Daily* reported.

While most cases so far have been reported as mild, there is concern over at least some of these turning serious particularly among the large number of unvaccinated elderly.

The National Health Commission on Wednesday announced a plan to roll out a second booster shot, starting with elderly and those with underlying diseases.

Some health experts had called for a booster campaign to be rolled out before China's lifting of measures to prevent deaths among the elderly. China's campaign to vaccinate the elderly, which now faces a race against time, has lagged during the past year, with only 40% of the 30 million-plus above-80 population completing three doses. Vaccination numbers slowed as under the zero-COVID policy, many elderly saw little need to get vaccinated given low risks of contracting the virus.

Four-fold jump

That calculus has now changed for many. In the first four days since the December 7 opening, 3.59 million shots were administered, a four-fold jump from the previous four days. This month, Beijing approved four new COVID-19 vaccines for emergency use, adding to nine other vaccines in use. Three doses of Chinese vaccines, which are less effective than mRNA vaccines after two shots, were shown to be effective in preventing hospitalisation and death according to data from Hong Kong.

The challenge now is to step up the vaccination campaign amid the current spread of cases. Some local community vaccination centres have suspended services because of infections among staff. The opening from zero-COVID, including stopping of mass testing and lockdowns, has been welcomed by many but has also led to new concerns. In the Chinese capital, it hasn't led to a burst of activity but instead seen deserted streets in the first week since the easing of measures, with many fearful of contracting the virus for the first time and choosing to stay home.

Ahead of UNSC session, Pak. raises claims against India

Suhasini Haidar
NEW DELHI

Hina Rabbani Khar

As External Affairs Minister S. Jaishankar prepares to chair a UN Security Council meeting on terrorism on Thursday, Pakistan said it is distributing a new "dossier" on terrorism to UNSC members that alleges Indian agencies were involved in "masterminding" a 2021 blast near Hafiz Saeed's home in Lahore.

The briefing on "Threats to international peace and security caused by terrorist acts: Global counter-terrorism approach – principles and the way forward" will be chaired by India, as President of the UNSC this month, and is one of a number of special sessions that the EAM has travelled to the U.S. to convene. Pakistan's Foreign Minister Bilawal Bhutto Zardari is also in New York to chair sessions of the G-77 and China, which India is a member of. However, while Mr. Zardari attended the open debate at UNSC meeting on reformed multilateralism chaired by Mr. Jaishankar on Wednesday, he is not invited to the special UNSC session on terrorism.

In a press conference on Wednesday, Pakistan's Minister of State for Foreign Affairs Hina Rabbani Khar said Pakistan has issued "red warrants" through Interpol for a number of Indians she claimed were responsible for a series of terror attacks in Pakistan, including several that targeted Chinese nationals and the China-Pakistan Economic Corridor (CPEC) projects. Ms. Khar also accused India of "blocking" UNSC terror designation requests for four Indian nationals, that were rejected by the UNSC in 2020.

Japan to come up with major defence policy

Agence France-Presse
TOKYO

Japan is expected to announce its biggest defence overhaul in decades this week, hiking spending, reshaping its military command and acquiring new missiles to tackle the threat from China. The policies, to be outlined in three defence and security documents as soon as Friday, will reshape the defence landscape in a country whose post-war constitution does not even officially recognise the military.

Key among the new policies is a pledge to boost spending to 2%, from the previous spending of 1%, of GDP by 2027 to bring Japan in line with NATO members.

Pentagon may send Patriot missile batteries to Ukraine

Agence France-Presse
WASHINGTON

The Pentagon is finalizing plans to send Patriot missile batteries that can shoot down incoming missiles to Ukraine, U.S. media reported Tuesday.

As Russia has ramped up missile strikes on key Ukrainian infrastructure, the administration of President Joe Biden could announce the deployment as early as this week, U.S. officials told *The New York Times* and *CNN*.

Ukraine's air defences have played a key role during Russia's invasion, but with Moscow stepping up strikes on energy infrastructure as it faces growing losses on the ground, Kyiv has repeatedly pressed other countries – especially the United States – for the Patriot system.

The U.S. Army describes Patriot – which consists of multiple parts including a radar, a control station and up to eight launchers – as its "most advanced air defence system."

64 Ukrainians, U.S. citizen released: Kyiv

Agence France-Presse
KYIV

Ukraine said on Wednesday that it had secured the release of a U.S. citizen as well as 64 Ukrainian members of the military in its latest prisoner swap with Russian forces.

Russia's state-run *TASS* news agency has reported that the U.S. citizen, Suedi Murekezi, was arrested in the eastern Donetsk region of Ukraine in June and charged with attending anti-Russian protests and inciting "ethnic hatred".

However, Mr. Murekezi's lawyer said that he worked in a nightclub in Kherson city and denied his client's involvement of being a combatant.

U.S. military creates space unit in S. Korea

Associated Press
SEOUL

The U.S. military formally launched a space force unit in South Korea on Wednesday, a move that will likely enable Washington to better monitor its rivals North Korea, China and Russia.

The activation of the U.S. Space Forces Korea at Osan Air Base near Seoul came after North Korea test-fired a barrage of nuclear-capable ballistic missiles designed to strike the U.S. mainland and its allies South Korea and Japan in recent months.

The unit belongs to the U.S. Space Force, which was launched in December 2019 under then-President Donald Trump as the first new U.S. military service in more than 70 years.

The Space Force was seen soberly as an affirmation of the need to more effectively organise for the defence of U.S. interests in space – especially satellites used for civilian and military navigation, intelligence and communication. A previous Pentagon report said China and Russia had embarked on major efforts to develop technologies that could allow them to disrupt or destroy American and allied satellites in a crisis or conflict.

The U.S. Space Forces Korea is a subordinate of a bigger U.S. Space Force unit established within the Indo-Pacific command in Hawaii last month.

Understanding the fusion energy breakthrough announced by the U.S.

EXPLAINER

Vasudevan Mukunth
BENGALURU

United States government officials announced on Tuesday that a federal facility had achieved a significant milestone in nuclear fusion research. Energy secretary Jennifer Granholm said the feat puts us on the path to "zero-carbon abundant fusion energy powering our society."

Officials said the National Ignition Facility (NIF) at the Lawrence Livermore National Laboratory (LLNL), California, had conducted a fusion test on December 5 that produced 153% as much energy as went into triggering it.

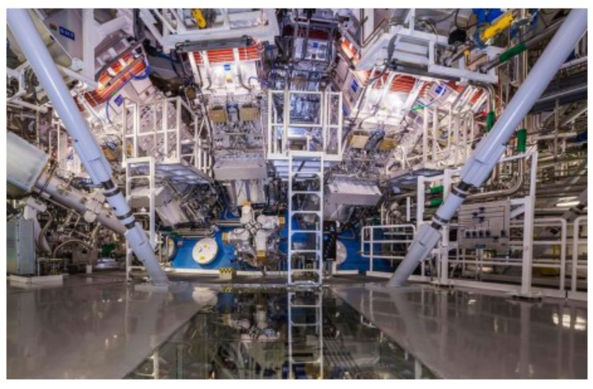
The NIF uses powerful lasers to heat and compress hydrogen nuclei. When the nuclei fuse, they release heat. When this heat is equal to or greater than the heat delivered to the container, the event is called ignition. The ratio of the output energy to the input delivered to the container is the gain.

In 2021, the NIF reported that it had achieved a gain of 0.72. Now, it has reportedly achieved ignition with a gain of 1.53 with a yield of 3 megajoules. "The recent results from the NIF are a major achievement on the road to fusion energy," Matthew Zepf, professor at the Friedrich Schiller University Jena and a director of the Helmholtz Institute Jena, said.

Inertial confinement

Magnetic confinement and inertial confinement are two popular ways to achieve nuclear fusion. Magnetic confinement uses bespoke reactors in which a hydrogen plasma is heated to a high temperature and the nuclei are guided by strong magnetic fields to fuse. Its corresponding technology is considered to be more technologically mature than that of inertial confinement.

In the NIF's setup, 192 high-power lasers fire pulses at a 2-mm-wide capsule inside a 1-cm-long cylinder called a hohlraum, in less than 10 billionths of a second. The capsule holds deuterium and tritium atoms. As the pulses strike the hohlraum's insides, the latter heats up and releases X-rays, which heat the nuclei to millions of kelvin and compress them to billions of Earth-atmospheres.



The NIF uses 192 laser beams converging at the centre of this giant sphere to make a tiny hydrogen fuel pellet implode. AP

The high temperature is required to energise the nuclei to overcome their mutual like-charges-repel repulsion. The technique is called inertial confinement because the nuclei's inertia creates a short window between implosion and explosion in which nuclear forces dominate, fusing the nuclei.

When two hydrogen-2 nuclei fuse, they yield a helium-4 nucleus, a neutron and 17.6 MeV of energy according to the mass-energy equivalence.

'Burning plasma'

For a fusion chain reaction, the energy released by the initial reaction needs to set the stage for more reactions. To this end, the NIF's goal has been to create a "burning plasma": when nuclei are encouraged to fuse not by the external heat source but by the heat of other reactions.

The NIF achieved this in 2021 with a gain of 0.72: 1.37 megajoules produced by the fusing nuclei versus 1.97 megajoules delivered by the lasers.

In August 2022, the facility reported it had produced a burning plasma that met the Lawson criterion: the heat generated was sufficient to potentially trigger other fusion reactions as well as offset heat loss during the reaction. Now, the facility has reportedly achieved a burning plasma that meets the Lawson criterion as well as a gain greater than 1.

Caveats

The NIF's is a significant scientific achievement – but where energy is concerned, the important question is: what does it imply for practicable fusion?

After the NIF achieved a gain of 0.72 in 2021, the people in charge of the experiment tried thrice to repeat their feat. They failed – because the NIF fusion facility is a highly sophisticated system with tiny moving parts. Even small changes in input conditions, like microscopic bumps on the capsule, can lead to large variations in output.

So the NIF will need to reproduce its new results.

Second: For fusion to be truly gainful, the energy released by the reactions needs to be greater than the energy going into the lasers, about 300 megajoules, and not just the energy delivered to the hohlraum. This hasn't yet been achieved.

"The energy transferred to the plasma is just about 1%, the rest is all lost in other processes," said Shishir Deshpande, a professor at the Institute for Plasma Research, Gandhinagar.

Next milestone

"Future research will need to focus on reaching the next major milestone – a target gain of G > 100, which is required to run a power plant efficiently,"according to Matthew Zepf, professor at the Friedrich Schiller University Jena and a director of the Helmholtz Institute Jena, said.

That is, if the lasers deposit 2 megajoules, the reactions in a power plant will have to produce at least 200 megajoules to be feasible. And "even if one were to achieve high gain," Mr. Deshpande said. "Questions about how often one can repeat the pulse, to get sustained power, and couple a higher fraction of the initial energy investment [to the fuel] will be crucial in future," he added.

Third: The road to a power plant from the NIF's current achievement isn't well-understood.

For example, at the NIF, lasers fire at a hohlraum, generating X-rays that heat the capsule – instead of hitting the capsule directly. This prevents the laser pulses from being pinpoint accurate and allows the capsule to be heated in a symmetric way, which is highly desirable. But the cost is lower gain.

"It wouldn't be possible to set a timeline" about a power plant, Mr. Deshpande said, "as the scientific understanding is still evolving."

INBRIEF

Yes Bank okays allotment of shares to Carlyle, Advent funds

The board of directors of Yes Bank on Wednesday approved the allotment of equity shares and equity share warrants aggregating to ₹8,887 crore ($1.1 billion) through a preferential issue to the funds affiliated with Carlyle and Advent International. After the issuance (post conversion of the equity share warrants), both investors will own 9.99% each in the bank.

JB Pharma to buy Razel's India, Nepal franchise for ₹314 crore

JB Chemicals & Pharmaceuticals Ltd. (JB Pharma) said it had entered into an agreement with Glenmark Pharmaceuticals Ltd. to acquire the entire Razel (Rosuvastatin) franchise for India and Nepal for ₹313.7 crore. "With this acquisition, JB Pharma will complete its cardiac portfolio, making it a leader in this segment, as Razel ranks among the top 10 brands in the Rosuvastatin molecule category in the country," the company said in a filing. The acquisition will be funded through long-term debt and internal sources.

KFintech unveils ₹1,500 cr. offer-for-sale by promoter

KFin Technologies Ltd. (KFintech) announced that its ₹1,500-crore initial public offering (IPO) through an offer-for- sale by promoter General Atlantic Singapore Fund Pte would open on December 19. The offer will close on December 21. The price band has been fixed at ₹347 to ₹366 per equity share. Bids can be made for minimum of 40 shares and in multiples of 40 thereafter. KFin Technologies is a technology-driven financial services platform providing services and solutions to the capital markets ecosystem.

Centre to take measures to further help slow inflation, says Sitharaman

FM says inflation rate will be brought down further for the sake of the common people, after it eased to an 11-month low of 5.88% in November; stresses there is no fear of 'stagflation' and that government is committed to path of fiscal consolidation

The Hindu Bureau
NEW DELHI

Finance Minister Nirmala Sitharaman on Wednesday assured the Lok Sabha that the Centre would be taking measures to further help ease inflation, which has dipped below the Reserve Bank of India's upper tolerance level of 6%. Retail inflation slowed to an 11-month low of 5.88% in November from 6.77% in the previous month.

"We will bring [it] down further for the sake of common people," the Finance Minister said, while replying to a discussion on the first batch of Supplementary Demands for Grants 2022-23 in the Lok Sabha.

Later, the House passed the Supplementary Demands for Grants, authorising the Centre to spend an additional ₹3.25 lakh crore in 2022-23. The government is constantly watching the price situation of essential commodities, she said. Ms. Sitharaman made it clear that there was no fear of stagflation, as 'India is one of the fastest-growing economies with low inflation levels'.

MGNREGA demand dips

She also said the government was noticing a trend of decline in demand for employment under the Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) scheme. The Minister said the government would be able to meet the fiscal deficit target of 6.4% of GDP for FY23. The government is committed to the path of fiscal consolidation, the Minister added.

On the rupee, she said the domestic unit was appreciating against all other currencies, adding that the rupee's fall against the U.S. dollar was low compared with the weakening in other currencies.

Macro indicators

Retail inflation moderated to an 11-month low of 5.8% in November from 6.77% in the previous month

- FM says government is watching the price situation of essential commodities
- Rural jobs scheme seeing declining trend, she points out
- Govt. will be able to meet 6.4% fiscal deficit target for FY23, she assures Parliament

India said to buy Russian crude well below $60 price cap

Reuters
NEW DELHI

Russia's flagship Urals crude has been sold at deeper discounts this month following a European ban on Russian oil imports, and dominant buyer India has bought barrels at well below a $60 price cap, four market sources said.

On December 5, the Group of Seven implemented a $60 price cap on Russian seaborne oil to try to limit Moscow's ability to fund its war in Ukraine.

For some deals this month, the price for Urals in Indian ports, including insurance and delivery by ship, has fallen to about minus $12-$15 per barrel versus a monthly average of dated Brent, down from a discount of $5-$8 per barrel in October.

Ind-Ra sees Q2 CAD at 37-quarter high of 4.4%

Press Trust of India
MUMBAI

Falling exports and high crude prices are set to push up the current account deficit (CAD) in the second quarter to a 37-quarter high of 4.4% of GDP at $36 billion as against $9.7 billion or 1.3% in the year-earlier period, according to India Ratings (Ind-Ra).

The agency said it expected merchandise exports to slip to an 8-quarter low of $88.2 billion in Q3, which would be 17.4% lower from a year earlier.

Fintechs must heed data, clients, risk: Das

The Hindu Bureau
MUMBAI

Reserve Bank of India Governor Shaktikanta Das has asked financial technology (FinTech) firms to pay close attention to governance, business conduct, data protection, customer centricity, regulatory compliance and risk mitigation frameworks.

On Wednesday, he held a meeting with select FinTech entities (including AgriTechs) and some of their Associations. The meeting was also attended by M.K. Jain, Deputy Governor, along with a few senior officials of the RBI.

"In his introductory remarks, the Governor stated that FinTech initiatives and start-ups are important segments of aspirational India," the Reserve Bank of India said in a statement.

"They are playing a transformative role in the financial system through digital innovations and innovative means of delivery of financial services," the Reserve Bank added in the statement.

Mr. Das highlighted the proactive and supportive role of the central bank in providing a conducive policy environment for responsible innovation.

MARKETS

MARKET WATCH

	WEDNESDAY	%CHANGE
Sensex	62,678	0.23
US Dollar	82.49	0.13
Gold	54,913	0.69
Brent oil	81.81	2.13

NIFTY 50

	PRICE	CHANGE
Adani Enter	4055.80	-4.40
Adani Ports	900.55	5.75
Apollo Hosp	4666.15	-12.70
Asian Paints	3145.95	-32.55
Axis Bank	942.40	-2.20
Bajaj Auto	3652.05	15.30
Bajaj Finserv	1623.05	11.60
Bajaj Finance	6655.20	35.10
Bharti Airtel	829.20	-8.85
BPCL	348.75	2.60
Britannia Ind	4409.70	-16.85
Cipla	1112.70	2.80
Coal India	232.15	0.60
Divis Lab	3393.85	38.30
Dr Reddys Lab	4504.55	46.40
Eicher Motors	3369.40	56.40
Grasim Ind	1821.85	11.05
HCL Tech	1056.20	11.50
HDFC	2729.35	26.75
HDFC Bank	1662.25	13.95
HDFC Life	580.35	-2.00
Hero MotoCorp	2747.35	-12.10
Hindalco	469.30	11.20
Hind Unilever	2684.65	-25.65
ICICI Bank	921.75	-11.20
IndusInd Bank	1253.15	18.20
Infosys	1579.40	7.25
ITC	345.40	-0.20
JSW Steel	757.95	13.70
Kotak Bank	1873.20	4.70
L&T	2195.45	22.55
M&M	1286.45	3.10
Maruti Suzuki	8641.60	20.90
NestleIndia	20063.50	-324.80
NTPC	171.60	2.40
ONGC	147.60	3.25
PowerGrid Corp	219.20	2.90
Reliance Ind	2615.50	-9.50
SBI Life	1269.75	-8.05
State Bank	625.50	8.75
Sun Pharma	1000.25	5.60
TataConsumerProduct	815.45	7.85
Tata Motors	417.90	-0.60
Tata Steel	113.05	1.85
TCS	3365.35	33.25
Tech Mahindra	1065.10	19.35
Titan	2591.10	15.20
UltraTech Cement	7197.55	-27.75
UPL	780.90	13.50
Wipro	400.05	2.30

EXCHANGE RATES

Indicative direct rates in rupees a unit except yen at 4 p.m. on December 14

CURRENCY	TT BUY	TT SELL
US Dollar	82.26	82.58
Euro	87.71	88.08
British Pound	101.91	102.32
Japanese Yen (100)	61.05	61.29
Chinese Yuan	11.84	11.89
Swiss Franc	88.78	89.12
Singapore Dollar	61.11	61.36
Canadian Dollar	60.66	60.89
Malaysian Ringitt	18.71	18.80
Australian Dollar	56.46	56.72

Source:Indian Bank

TSF Group unveils carbon fibre parts manufacturing plant

The Hindu Bureau
CHENNAI

TSF Group, a part of the erstwhile TVS Group, in partnership with MIND S.r.l of Italy, announced the inauguration of a carbon fibre components manufacturing facility near Chennai.

The new unit has started serial production of carbon fibre components for global mobility, the company said. "Establishing Leggaro's manufacturing facility in Chennai is a milestone, which will allow us to scale up our presence and provide cost-effective composites solutions across industries," said Sriram Viji, management member, Leggaro Composites and MD, Brakes India.

"MIND, the Italian base of Leggaro, has developed experience in carbon composites over several years and established itself as a supplier to many luxury car brands and motor sports companies," said Francesco Varrasi, CEO, MIND S.r.l.

Indian agritech to address $34-bn market by 2027: Study

The Hindu Bureau
MUMBAI

Indian agritech is expected to lead the next decade's technology-first value creation opportunity, growing at a CAGR of 50% over the next five years, and addressing a $34 billion market by 2027, Avendus Capital said in a report.

The sector is expected to replicate the success of other tech sectors, creating unicorns in the next couple of years, according to the report.

M&M electric vehicle manufacturing unit to come up in Pune

The Hindu Bureau
MUMBAI

Mahindra & Mahindra Ltd. said its ₹10,000-crore investment for electric vehicles had been approved under the Maharashtra government's industrial promotion scheme for EVs.

M&M said its EV manufacturing plant would be located in Pune.

The company, through an unnamed subsidiary, would invest about ₹10,000 crore over a period of seven to eight years for setting up the facility, development, and production of its upcoming Born Electric Vehicles (BEVs), some of which were showcased in Oxfordshire, U.K. on August 15 this year.

"The [State] government's focus on ease-of-doing-business and progressive policies, together with Mahindra's investment, will act as a catalyst for Maharashtra to become India's EV hub," said Rajesh Jejurikar, executive director, Auto & Farm Sectors, M&M.

ICAO says no airline was audited in the wake of SpiceJet's claim

The Hindu Bureau
NEW DELHI

The UN's aviation safety and policy coordinator, the International Civil Aviation Organisation (ICAO), has clarified that its Universal Safety Oversight Audit Programme team did 'not audit or inspect' any airline during its visit to India last month. The ICAO clarification assumes significance as it comes in the wake of low-cost carrier SpiceJet's claim on December 5 that a "comprehensive audit by ICAO firmly establishes SpiceJet's credentials as a safe airline".

The ICAO team visited India between November 9-16 to examine the safety oversight of the aviation regulator, Director General of Civil Aviation (DGCA). As part of this, it had visited multiple operators, ICAO's Communications Officer William Raillant-Clark tweeted on Tuesday.

"ICAO wishes to clarify that visits to these operators are not an audit or inspection at all," he said on his Twitter handle.

SpiceJet had, in a filing, claimed it "was the only scheduled Indian airline to be audited by ICAO".

"The ICAO audit is the benchmark of safety. We are proud that our safety culture, systems, processes and operations have been found to be in order," CMD Ajay Singh was cited as having said in the filing.

Sport

Perry, Harris and bowlers deliver for Aussies

Swing factor: Harris' 18-ball 41 with four fours and three sixes piloted Australia to a winning total. EMMANUAL YOGINI

AUSTRALIA IN INDIA

P.K. Ajith Kumar
MUMBAI

Ellyse Perry hadn't batted in a T20I for a year and two months. The noisy crowd that turned up to watch her take apart the Indian attack at the Brabourne Stadium on Wednesday may have wondered why.

Perry smashed a 47-ball 75 (9x4, 3x6) to help Australia beat India in the third T20I. The visitors avenged their rare loss, at Navi Mumbai three days ago, and took a 2-1 lead in the five-match series.

Riding on Perry's magnificent knock and a quickfire 41 (18b, 4x4, 3x6) from Grace Harris, Australia finished at 172 for eight. In reply, India could manage only 151 for seven and went on to lose by 21 runs.

Opener Shafali Verma (52, 41b, 6x4, 3x6) and skipper Harmanpreet Kaur (37, 27b, 6x4) kept India in the hunt with their 73-run stand for the third wicket, but the target turned out to be too big for those walked in after them. It was a fine bowling effort by Australia, spearheaded by pacer Darcie Brown.

Earlier, the visitors had got off to a poor start for the first time in the series. Skipper Alyssa Healy was trapped in front by a Renuka Singh delivery that came in sharply.

Anjali Sarvani, in only her third game for India, took her maiden wicket. It was a valuable one, that of Tahlia McGrath, who only this week moved to the No. 1 spot in the ICC T20I ranking for batters. The impressive left-arm seamer got one to move in through the gate as McGrath was dismissed for the first time in the series.

However, the player McGrath swapped her ranking with – Beth Mooney – carried on from where she left off at Navi Mumbai. Mooney (30, 22b, 4x4) added 64 for the third wicket with Perry.

Then came Harris' blitzkrieg that powered Australia to a total that proved beyond India.

The scores: Australia 172/8 in 20 overs (Beth Mooney 30, Ellyse Perry 75, Grace Harris 41, Renuka Singh 2/24, Anjali Sarvani 2/34, Deepti Sharma 2/40, Devika Vaidya 2/22) bt India 151/7 in 20 overs (Shafali Verma 52, Harmanpreet Kaur 37, Deepti Sharma 25 n.o., Darcie Brown 2/19, Ashleigh Gardner 2/21).

Ghazanfar — the 15-year-old is the youngest to register in auction

IPL

Shayan Acharya
MUMBAI

Allah Mohammad Ghazanfar is a 15-year-old off-spinner from Afghanistan who has registered for the Indian Premier League auction in Kochi on December 23. He is the youngest player in the auction and had also enrolled himself for the Big Bash League auction earlier this year but did not find any takers.

Those who have seen him in Afghanistan cricket circuit believe Ghazanfar is in the mould of Mujeeb Zadran, who is already a popular finger-spinner in international cricket and franchise leagues.

Ghazanfar.

Ghazanfar, who has set a base price of ₹20 lakh, is inspired by R. Ashwin. "Ashwin has been a champion spinner for India, and I like his variations. I have always considered him my inspiration," Ghazanfar told *Sportstar* from Kabul on Tuesday.

Hailing from Zurmat district in Paktia province, Ghazanfar is 6ft 2 inches tall. Given his height, he initially started as a fast bowler but gradually, under the watchful eyes of former Afghanistan captain Dawlat Ahmadzai, transformed into a spinner. "I started with tennis ball cricket and would play in my neighbourhood, but under the guidance of my coach, I started bowling spin, and soon, I developed an action, and there hasn't been any looking back since."

"I have played a fair bit of junior cricket, and my ultimate target is to play for Afghanistan. The IPL will help me improve my game and I am really looking forward to the experience. I hope to get picked by a franchise," he said.

ON A HIGH

Calchin and Argentina's Alvarez enjoying the ride of his life

Julian Alvarez is enjoying the ride of his life as he has been among the goals for Argentina, including two against Croatia. "I'm happy personally and for the group," he said. "We hope to have a great game on Sunday. Calchin (my home town), like the whole country, must be going crazy. We are happy for what we are achieving."

FAIR ASSESSMENT

Losing to Saudi Arabia was the turning point, feels Scaloni

"After we lost to Saudi Arabia, we felt a love and support from our fans, our people, and that was amazing because it gave us the strength and energy we needed to recuperate," said coach Lionel Scaloni after Argentina entered the final. "I try not to get emotional but it's difficult because I'm in a dream place for any Argentine."

HAIL THE KING

Croatia undone by 'true Messi' performance, says coach Dalic

"He is the best player in the world, he is dangerous," Croatia coach Zlatko Dalic said. "He put in a high-quality show... it was the true Messi we expected to see. Messi being a player of such quality, Argentina plays as it best sees fit. He can make one move and make a difference, which he did for the third goal."

REGIONAL RIVALRY

Brazil's Ronaldo won't be happy if Argentina wins World Cup

Brazilian World Cup-winner Ronaldo is not happy with the idea of Argentina winning the tournament in Qatar. "To say I'll be happy for Argentina (if they win), that will not be true, it would be a lie, I will not be a hypocrite," said Ronaldo. "Argentina are not playing very well, but they have so much desire... and then there is Messi."

Resilient Argentina bounds past a flagging Croatia

Messi conjures up another magical night to send *La Albiceleste* closer to their dream; Alvarez shines bright too, winning a penalty and capping a bursting run through the middle with a goal

Triple treat: Messi sets the ball rolling with an emphatic finish from the spot, Alvarez makes the most of some clumsy Croatian challenges for the second and then applies the finishing touch following his skipper's slaloming run past a dazed defence. GETTY IMAGES, AP

FIFA WORLD CUP

Ayon Sengupta
DOHA

The playlist had run its course, the voices were all hoarse, but they refused to stop singing as the man they were praising was there in front, crying after delivering yet another joyful night.

The long unfulfilled promise of the shiny World Cup trophy is making Lionel Messi draw up hitherto hidden weapons from his armoury. Here he scored one and created another in Lusail as he and his beloved Argentina found an extra gear to ward off Croatia and move into the final.

Argentina was circumspect as Croatia's trio of Luka Modric, Mateo Kovacic, and Marcelo Brozovic used their experience and skill to take over the early midfield battle.

But this Argentina is more resilient and has weathered every storm. Messi led the way, dropping deep to be most involved in this World Cup – 65 touches, 10 dribbles (the most in the game) and three take-ons – to drag his team out of this mess.

As Croatia slowed to regain its breath, Argentina picked up, with Messi jolting on like an appliance suddenly plugged in and danced past a few challenges to play a one-two with Enzo Fernandez, with his pass almost reaching Nicolas Tagliafico, who had darted in from the left.

He was back soon, weaving and dancing down the middle, and Kovacic, in control till then, was suddenly looking out of place.

Argentina's penalty came when Julian Alvarez's bursting run was cut short by Dominik Livakovic as the striker lifted the ball over his head after Enzo Fernandez robbed Modric to play a simple through ball over the high press.

Immense pressure

The pressure was immense; Emiliano Martinez, at the other end, turned his back to the drama as Messi stepped up and slotted it to the top right with power and rage. He ran to the right corner flag to celebrate with his teammates; Emiliano, too, was jiving with the blue-and-white fans who had started singing as soon as the ball left Messi's feet.

Moment of magic

Alvarez then produced a moment of magic. He latched on to a ball from a Croatian corner to run past all challenges from the centre circle.

Three men in the dark-blue shirts were eager to backtrack but not ready to tackle, behaving like extras who have not been informed about their role in a movie. Josip Juranovic's clumsy clearance came back to Alvarez inside the box, and it was worse from Borna Sosa, the next man standing, and the Argentina forward was happy to lift it over the 'keeper who could do little.

Messi had energy left for more and woke up again from his slumber in the 58th minute. Twisting past two challenges, he ran behind and received a lay-off from Alvarez and forced Livakovic to go down quickly to parry a snap shot that came rocketing his way.

And Messi then took on Josko Gvardiol, this World Cup's standout defender, on the right.

At 35, he found the steps of a 25-year-old, and refused to be bullied by the shove of the heavier 20-year-old Croatian and danced inside, keeping him at bay.

Messi turned a transfixed Gvardiol one way, then the other, back again, and then the other way. The magician was out of sight in less than a few seconds and cut it back to Alvarez. The Manchester City forward gleefully received the present and glide the ball beyond Livakovic.

Modric, the other maestro on the field, ended his night with a deflected shot hitting his head. As the legend walked away, the stadium was up on its feet, applauding him for all those years of toil.

The game was coming to an end and the chants soon changed back to being about the patron saint.

The Maradona cut-outs were there, but Messi was ruling their hearts and this World Cup which is now just a step away.

The result (semifinal):
Argentina 3 (Messi 34-pen, Alvarez 39 & 69) bt Croatia 0.

Messi indicates the final may be his last in the World Cup

Ayon Sengupta
DOHA

For 20 minutes in the semifinal against Croatia, Argentina was outthought and outrun by its hard-working opponent. But Lionel Messi took the match by the scruff of the neck to show the world yet again that he can write his own destiny.

"We played with discipline today. We knew the game would be set up this way. We did a great job. We were aware they'd keep possession, as they have key players in that sense," said the Argentina captain.

"But despite that, we created our usual chances. We prepared for this game in the best way. That's why we didn't feel desperate when we had to run.

"The first match was a hard blow to all of us. At that time, we had played the last 36 matches without a single loss. So, to lose the first match in the World Cup to a team nobody thought we could lose to was a strong blow to all of us as a group," Messi said.

"We played five finals, and luckily won all of them. Hopefully, we'll win the next one too. To finish my World Cup journey by playing the last game in the final would be nice. It's many years for the next one and I don't think I will be able to do it," Messi said.

Messi and more

- Argentina has **won all of its five** World Cup **semifinals** (1930, 1986, 1990, 2014 and 2022)
- It has **lost only one of its last 42** international **matches** (won 29, drawn 12)
- **Messi is now Argentina's all-time leading scorer in World Cups** with 11 goals (2006-1; 2014-4; 2018-1; 2022-5)
- **He is the first Argentinian to find the target five times in an edition** after Gabriel Batistuta (five in 1998)
- **Messi is the sixth player in World Cup history to score in the round of 16, quarterfinals and semifinals of the same edition** after Salvatore Schillaci (1990), Roberto Baggio (1994), Hristo Stoichkov (1994), Davor Suker (1998) and Wesley Sneijder (2010)
- **Argentina's 3-0 win over Croatia is the biggest margin for a South American team in a semifinal** since Brazil's 5-2 victory over France in 1958
- **Messi's men have scored 12 goals in Qatar** - the best since 1986 (14)
- **Julian Alvarez is the fourth to strike twice in a semifinal for Argentina** after Carlos Peucelle (1930), Guillermo Stabile (1930) and Diego Maradona (1986)
- **At 37 years and 95 days, Croatia's Luka Modric is the oldest outfield player** to start in six games in an edition

Pujara and Shreyas revive Indian innings with a crucial fifth-wicket partnership

N. Sudarshan
CHATTOGRAM

A middle-order rescue act led by Cheteshwar Pujara (90, 203b, 11x4) and Shreyas Iyer (82 batting, 169b, 10x4) carried India to a respectable 278 for six at stumps on day one of the first Test against Bangladesh at the Zahur Ahmed Chowdhury Stadium here.

The hosts could have gone into the second day with significant tailwind if wicketkeeper Nurul Hasan had not grassed a low catch off Pujara when on 12 and Ebadot Hossain had not made a mess of a sitter at deep mid-wicket off Shreyas when on 67.

Ebadot's misery was compounded when he breached Shreyas's defence and got the ball to kiss the off-stump only for the bails to budge but not fall.

Much of the day's cricket was slow burn. Perhaps it had to be after India, which elected to bat, found itself 48 for three on a pitch that was not quite the 'batting paradise'. There was uneven bounce from as early as the second over and significant turn, which will surely please India's three spinners (R. Ashwin, Axar Patel and Kuldeep Yadav).

Still, this is a time when the world seems enthralled by the way England is setting the standards in red-ball cricket, an approach that current India captain K.L. Rahul has doffed his hat to and Rishabh Pant seemingly embraces (46, 45b, 6x4, 2x6).

But Pujara is neither a trendsetting tastemaker of swashbuckling things nor does he live aesthetically as someone else. He found the answer within himself and for a good while appeared set for this first three-figure mark in four years (since 193 vs Australia in Jan. 2019).

The 34-year-old used his feet well to negate the turn, had the bat well in front of the pad to avoid the leg-before and close-in dismissals and punished the short deliveries by either rocking back to cut or steering them on the leg-side.

Shreyas provided the aggressive spark from time to time, like the uppish flick to the mid-wicket fence to get to his half-century and the dance down the track to loft left-arm spinner Taijul Islam over mid-wicket. The duo put on 149 runs for the fifth wicket, which may ultimately prove match-defining.

Saviour: Pujara pulled India out of the woods with a solid knock. AP

Through this, Taijul was excellent for Bangladesh (30-8-84-3), bowling a middle and leg-stump line with sufficient drift and repeatedly beating the batters outside off.

He scalped two of the best – Kohli went on the backfoot for a ball that was only deceptively short and paid the price; Pujara thought he had all ends covered, only for the ball to do enough to slip past the bat but not as much to miss the stumps.

Earlier, Rahul and Shubman Gill negotiated the opening hour cautiously. But just as they looked set to up the rate, Gill was caught in the leg-slip area by Yasir Ali who smartly moved from first slip as the batter shaped to sweep Taijul.

Rahul was bowled off the inside edge by Khaled Ahmed. And when Taijul sent Kohli back and leapt with joy, Bangladesh was clearly on the ascendency, only to be brought back down, slowly and steadily.

SCOREBOARD

INDIA — 1ST INNINGS
K.L. Rahul b Khaled 22 *(54b, 3x4)*, Shubman Gill c Yasir b Taijul 20 *(40b, 3x4)*, Cheteshwar Pujara b Taijul 90 *(203b, 11x4)*, Virat Kohli lbw b Taijul 1 *(5b)*, Rishabh Pant b Mehidy 46 *(45b, 6x4, 2x6)*, Shreyas Iyer (batting) 82 *(169b, 10x4)*, Axar Patel lbw b Mehidy 14 *(26b, 2x4)*; Extras (lb-1, nb-2): 3; Total (for six wkts. in 90 overs): 278.

FALL OF WICKETS
1-41 (Gill, 13.2 overs), 2-45 (Rahul, 18.1), 3-48 (Kohli, 19.3), 4-112 (Pant, 31.4), 5-261 (Pujara, 84.2), 6-278 (Axar, 89.6).

BANGLADESH BOWLING
Ebadot 17-1-63-0, Khaled 12-2-26-1, Shakib 12-4-26-0, Taijul 30-8-84-3, Mehidy 18-4-71-2, Yasir 1-0-7-0.

Toss: India.

INBRIEF

Flintoff airlifted to hospital after car crash

Former England cricket team captain Andrew Flintoff has been airlifted to a hospital after suffering a horror car crash in Surrey while filming an episode for BBC's TV Show. The 45-year-old was filming for *Top Gear* in icy conditions at Dunsfold Park Aerodrome in Surrey on Tuesday when the accident happened. "Freddie (Flintoff) was injured in an accident at the Top Gear test track this morning – with crew medics attending the scene immediately," the BBC said in a statement. "He has been taken to hospital for further treatment and we will confirm more details in due course." According to *The Sun*, Flintoff's injuries are not "life-threatening" and he was "driving on the track as normal" and was not going at a high speed. "All the usual health and safety measures were in place for filming too," a source was quoted as saying.

16-year-old Pheiroijam fourth Indian to take nine on debut

Sixteen-year-old Manipur medium-pacer Pheiroijam Singh on Wednesday became the fourth Indian to grab nine wickets on First Class debut during the Ranji Trophy Plate group match against Sikkim at Rangpo, near Gangtok. The teenager, who returned figures of 22-5-69-9, joined an elite list that has Vasant Ranjane (9/35, 1956-57), Amarjith Singh (9/45, 1971-72) and Sanjay Yadav (9/52, 2019-20), all of whom claimed nine wickets on their First Class debut.

LIVE TELECAST

Bangladesh vs India: 1st Test, day 2, Sony Sports Ten 5 (SD & HD) & LIV, 9 a.m.

Ranji Trophy: Star Sports 2 (SD & HD) & Hotstar, 9.30 a.m.

I-League: Eurosport (SD & HD), 2 & 4.30 p.m.

ISL: Star Sports 1 (SD & HD) & Hotstar, 7.30 p.m.

PKL: Star Sports 2 (SD & HD) & Hotstar, 7.30 p.m. onwards

Karnataka fights back against Services

Sharath-Gowtham duo bails the team out of trouble with a 90-run stand; Kaverappa's testing spell gives the team the day's honours

RANJI TROPHY

Ashwin Achal
BENGALURU

Fighting knocks by B.R. Sharath (77, 115b, 10x4) and K. Gowtham (48, 52b, 8x4) pulled Karnataka out of troubled waters on the second day of its Ranji Trophy encounter against Services here on Wednesday.

Starting the day on 148 for six, Karnataka relied heavily on overnight batters Sharath and Gowtham to come good. The duo resisted the Services offence with a 90-run seventh-wicket stand. The rearguard action took Karnataka to a respectable 304.

The home team then reduced Services to 96 for four, on the back of an incisive spell from pacer Vidwath Kaverappa.

Steadying hand: Sharath's 77 was pivotal as Karnataka stormed back into contention SUDHAKARA JAIN

The morning session went Karnataka's way, with Gowtham gaining confidence with every big shot. Sharath played second fiddle, sound in defence. A rush of blood, however, saw Gowtham slog spinner Pulkit Narang to long-on. An utterly annoyed Gowtham cursed loudly and even whacked his head with the bat as he walked back to the pavilion.

Wicketkeeper-batter Sharath was the ninth wicket to fall, 23 short of what would have been his second first-class hundred.

Services, disappointed to let Karnataka off the hook, did not start well with the bat. The visitor lost two wickets in the opening over, bowled by Kaverappa. The fast bowler, playing his third First Class match, was the best bowler on view. Kaverappa held a tight line just outside off, and got the ball to move away.

Batters playing away from the body – S.G. Rohilla, Rahul Singh and Aanshul Gupta – paid the ultimate price.

On one occasion, Kaverappa embarrassed Services skipper Rajat Paliwal with a corker. Kaverappa got the ball to pitch on middle and miss the off stump. The prodigious movement turned Paliwal square, leaving the batter with his chest awkwardly facing the bowler.

Paliwal later left the field after being struck on the right hand by Kaverappa. Paliwal returned to the crease when the fourth wicket fell, and stayed unbeaten on 42.

The scores:

Karnataka —1st innings: R. Samarth lbw b Pathania 8, Mayank Agarwal c Lohchab b Pathania 8, Vishal Onat lbw b Pathania 33, Nikin Jose c Narang b Guleria 62, Manish Pandey b Pathania 10, Shreyas Gopal c Lohchab b Pathania 0, B.R. Sharath c Paliwal b Narang 77, K. Gowtham c Pathania b Narang 48, Ronit More b Rahul 26, V. Vyshak c Paliwal b Narang 10, Vidwath Kaverappa (not out) 13; Extras (lb-3, w-2, nb-4): 9; Total (in 74.4 overs): 304.

Fall of wickets: 1-13, 2-16, 3-100, 4-122, 5-124, 6-133, 7-223, 8-281, 9-281.

Services bowling: Pathania 20-3-86-5, Nishan 17-3-66-0, Guleria 16-1-70-1, Rahul 11-1-39-1, Narang 10.4-1-40-3.

Services —1st innings: S.G. Rohilla c Jose b Kaverappa 8, Ravi Chauhan (batting) 39, Rahul Singh b Kaverappa 0, Aanshul Gupta c Sharath b Kaverappa 0, Rajat Paliwal (batting) 42, Devender Lohchab c Shreyas b Vyshak 6; Extras (lb-1): 1; Total (for four wkts. in 28 overs): 96.

Fall of wickets: 1-8, 2-8, 3-12, 4-78.

Karnataka bowling: Kaverappa 10-2-29-3, Vyshak 10-0-38-1, More 6-2-19-0, Gowtham 2-0-9-0

RANJI SCORES - ROUND 1, DAY 2

Elite: Group A: Uttarakhand 282 vs. Nagaland 280/3 in 97 overs (Yugandhar Singh 73, Shrikant Mundhe 109 batting, Rongsen Jonathan 40).

Odisha 457 in 154.2 overs (Shantanu Mishra 61, Subhranshu Senapati 52, Abhishek Raut 70, Debabrata Pradhan 89, Subham Nayak 82, Ninad Rathva 5/106) vs Baroda 77/0 in 25 overs (Jyotsnil Singh 43 batting).

Uttar Pradesh 198 & 122/4 in 36 overs (Rinku Singh 44 batting, Akshdeep Nath 47 batting) vs. Bengal 169 in 43.3 overs (Akash Deep 41, Shivam Mavi 6/55).

Haryana 46 & 72/1 in 23 overs (Chaitanya Bishnoi 41 batting) vs. Himachal Pradesh 487/4 decl. in 130.2 overs (Raghav Dhawan 182, Prashant Chopra 137, Ankit Kalsi 47, Amit Kumar 81).

Group B: Assam 286 in 94.3 overs (Rahul Hazarika 90, Riyan Parag 76, Sibsankar Roy 42, Chetan Sakariya 5/40) vs. Saurashtra 313/3 in 71 overs (Harvik Desai 108, Jay Gohil 177 batting).

Andhra 238 vs. Mumbai 290/6 in 103 overs (Yashasvi Jaiswal 45, Armaan Jaffer 116 batting, Ajinkya Rahane 44, Tanush Kotian 43 batting).

Hyderabad 395 in 115 overs (Tanmay Agarwal 135, T. Ravi Teja 72, Mickil Jaiswal 137 n.o., L. Vignesh 4/91, Sandeep Warrier 5/83) vs. Tamil Nadu 203/0 in 35 overs (B. Sai Sudharsan 87 batting, N. Jagadeesan 116 batting).

Delhi 191 vs. Maharashtra 305/7 in 117 overs (Naushad Shaikh 45, Azim Kazi 119 batting, Ashay Palkar 94 batting).

Group C: Kerala 475 in 146.4 overs (Rohan Prem 79, Rohan Kunnummal 50, Sanju Samson 72, Akshay Chandran 150, Sijomon Joseph 83, Shahbaz Nadeem 5/167) vs. Jharkhand 87/3 in 33 overs.

Karnataka 304 in 74.4 overs (Nikin Jose 62, B.R. Sharath 77, K. Gowtham 48, Diwesh Pathania 5/86) vs. Services 96/4 in 28 overs (Rajat Paliwal 42 batting).

Chhattisgarh 162 & 184 in 42.1 overs (Harpreet Singh 63, Shashank Singh 56, Sagar Udeshi 7/50) vs. Pondicherry 37 in 23.2 overs (Ajay Mandal 7/7) & 96/5 in 38 overs (Neyan Shyam Kangayan 49).

Goa 493/8 in 163.2 overs (Suyash Prabhudessai 212, Snehal Kauthankar 59, Arjun Tendulkar 120) vs. Rajasthan.

Group D: Gujarat 271 vs. Tripura 244/6 in 83 overs (Sankar Paul 57, Sudip Chatterjee 58).

Punjab 586/4 decl. in 141.1 overs (Abhishek Sharma 100, Prabhsimran Singh 202, Mandeep Singh 128 n.o., Anmolpreet Singh 86) vs. Chandigarh 62/2 in 31 overs.

Madhya Pradesh 308 in 111.2 overs (Yash Dubey 81, Shubham Sharma 52, Rajat Patidar 62, Auqib Nabi 4/65) vs. Jammu & Kashmir 98 in 38.5 overs (Avesh Khan 5/33, Saransh Jain 4/22) & 54/7 in 24 overs.

Vidarbha 213 & 161/2 in 39 overs (Faiz Fazal 82 batting) vs. Railways 161 in 55.2 overs (Vivek Singh 81, Aditya Sarwate 5/53, Akshay Wakhare 5/60).

Plate: Manipur 186 & 59/4 in 19 overs vs. Sikkim 220 in 73.1 overs (Arun Chettri 41, Sumit Singh 47, Pheiroijam Singh 9/69).

Arunachal Pradesh 212 vs. Bihar 367/4 in 103 overs (Adhiraj Johri 118, Yashasvi Rishav 65, Sakibul Gani 66 batting, Sachin Kumar 51 batting).

Mizoram 252 & 37/3 in 23 overs vs. Meghalaya 171 in 67.4 overs (Kishan Lyngdoh 40, Avinash Yadav 6/39).

Arjun Tendulkar. TWITTER

India defeats South Africa

Press Trust of India
VALENCIA

Already through to the semifinals, India defeated South Africa 2-0 to notch up its third win on the trot and top the pool in the FIH Women's Nation's Cup hockey here on Wednesday.

Deep Grace Ekka (14th minute) and Gurjit Kaur (59th) scored for India against the South Africans to end the pool B league engagement with an all-win record.

World No. 8 India topped the pool with nine points.

Panthers meet Bulls and Paltan take on Thalaivas in do-or-die clashes

PRO KABADDI LEAGUE

Sports Bureau

After 132 league games and two Eliminators, four teams remain in the hunt for the Pro Kabaddi League trophy. Jaipur Pink Panthers (champion of the inaugural edition) and Bengaluru Bulls (winner of Season 6) clash in the first semifinal while two teams looking for their maiden title – Puneri Paltan and Tamil Thalaivas – lock horns in the second.

Panthers, have in their ranks, the league's best raider and second-best defender (going into the final phase) in Arjun Deshwal (286 raid points) and Ankush (81 tackle points). After a few hiccups early on, Panthers have found the right balance.

Bulls, on the other hand, will count on Bharat (272 raid points) and Vikash Kandola (130 raid points), who put an underwhelming season behind him to help his side beat defending champion Dabang Delhi 56-24 in Eliminator 1.

"You asked when Vikash will come good and he answered your calls. We knew he would come good when the team needed it most," said Bulls coach Randhir Sehrawat.

On the prowl: Panthers' Deshwal has been hogging the limelight this season. SPECIAL ARRANGEMENT

Paltan go into the semifinal with one of the most effective three-pronged attacks – Aslam Inamdar (138 raid points), Akash Shinde (131) and Mohit Goyat (120). Skipper Fazel Atrachali (51 tackle points) has had a great season too. "It is not my best season yet. It will be when I lay hands on the trophy," said Fazel.

Incidentally, it was the Thalaivas who broke Paltan's seven-match winning streak earlier in the season. And Ashan Kumar's outfit will be looking for an encore.

Thalaivas, packed with youngsters, will rely on Narender (232 raid points) and Ajinkya Pawar (123) to continue what has been the story of Season 9.

BENGALURU ROUND-UP

Tej surprises Hruthik

Unseeded Tej Oak defeated seventh seed Hruthik Katakam 6-1, 7-5 in the boys' round-of-16 of the Karnataka State Lawn Tennis Association (KSLTA) ATF Junior Tour 22 (under-14) tournament on Wednesday.

In the girls' round-of-16, favourite Maaya Rajeshwaran took out A. Aahan 6-1, 6-4.

MGU blanks Annamalai

MG University (Kottayam) blanked Annamalai University 3-0 in the AIU-South Zone inter-university hockey men's championship here.

The results: MGU bt Annamalai 3-0; ANU Guntur bt Bharathiar 3-3 (5-4 via shootout); Osmania bt Dr. B.R. Ambedkar 7-0; Vinayaka Mission bt JNTU, Kakinada 3-0; Jain bt TNPES 5-0; University of Madras bt University of Calicut by 3-1; MG Kottayam bt ANU Guntur 1-1 (4-2 via shootout); Osmania bt Vinayaka Mission 2-2 (6-3 via shootout).

Karnataka thrashes Manipur

Karnataka whipped Manipur by 10 wickets in the BCCI under-19 women's one-day trophy in Chennai. Karnataka will take on Andhra in the round-of-16 on Saturday.

The scores: Manipur 47/7 in 20 overs lost to Karnataka 48 for no loss in 10.2 overs (Roshini Kiran 34 n.o.).

No sweat for Parikrma

Parikrma FC defeated Blitz FC 4-0 in the BDFA A-division football league on Wednesday.

The results: Parikrma 4 (Haris Rehman 7, 18, M. Prashanth 14, Rifhath 39) bt Blitz 0; BTM 4 (Dhruv Rao 13, Arjun Anson 28, 70, Aaron Rodrigues 39) bt Tilak Memorial 1 (Nutan 56).

टीआईएफआर–अनुप्रयुक्त गणित केन्द्र, बैंगलुरू–560065, भारत
TIFR-CENTRE FOR APPLICABLE MATHEMATICS, Bengaluru-560065, India
टाटा मूलभूत अनुसंधान संस्थान
TATA INSTITUTE OF FUNDAMENTAL RESEARCH
(भारत सरकार के परमाणु ऊर्जा विभाग की स्वायत्त संस्थान एवं समविश्वविद्यालय
(An Autonomous Institution under the Department of Atomic Energy, Government of India and Deemed-to-be-University)

Expression of Interest (EOI)-2/2022

TIFR Centre for Applicable Mathematics inviting Expression of Interest from reputed firms / companies dealing in providing Video Conference System Solutions for E-Classroom at the Centre. The last date for submission of EOI documents is **30th December 2022** at 1530 hours. For further details please visit website **http://math.tifrbng.res.in**

Administrative Officer-E

GOVERNMENT OF TAMILNADU / **PUBLIC WORKS DEPARTMENT**
BUILDINGS (C&M) CIRCLE, Tirunelveli - 627 002.
TYPE OF CONTRACT : LUMPSUM
(Pre Qualification (Two Cover System) & Rate Tender System)
Tender Notice No : 17 / 2022-2023 / Dated : 13.12.2022

For and on behalf of the Governor of Tamilnadu sealed Tenders are invited from the contractors registered in Public Works Department in the appropriate class to the office of the Superintending Engineer, PWD, Buildings (C&M) Circle, Tirunelveli.

Tender Schedule Available Date	:	**15.12.2022 to 19.01.2023 upto 5.45 PM**
Tender Schedule Receiving last Date	:	**Upto 3.00 PM on 20.01.2023.**
Tender Opening Date	:	**3.30 PM on 20.01.2023.**
Total No. of Works	:	**1**
Total Approximate Value of Works	:	**Rs. 2684 .00 Lakh**

For further details and tender documents visit the website **www.tenders.tn.gov.in** and **www.tntenders.gov.in**

DIPR/5510/Tender/2022

Superintending Engineer, PWD, Buildings (C&M) Circle, Tirunelveli - 2.

"சோதனை கடந்து சுதந்திரம் அடைந்தோம், சாதனை புரிந்து சரித்திரம் படைப்போம்."

TNPL **TAMILNADU NEWSPRINT AND PAPERS LIMITED**
Kagithapuram - 639 136. Karur Dist. Tamil Nadu.
Ph.: 04324 - 277001 (10 Lines). E-Mail : purchase.cont@tnpl.co.in

NOTICE INVITING TENDER

Tender No.	Work Description	Due date
222313 005411	Providing manpower assistance to carry out various operational works and for overhauling & off-season maintenance works at Off-site 1 - Appakudal for the year 2023-24.	23.12.2022
222313 005503	Providing manpower assistance to carry out various operational works and for overhauling & off-season maintenance works at Off-site 2 - Mohanur for the year 2023-24.	26.12.2022

Corrigendum if any will be published in TNPL website only. Detailed terms & conditions, Tender fee, EMD, etc., are available in tender document at our websites: **www.tnpl.com / www.tenders.tn.gov.in**

DIPR/5540/Tender/2022

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ELECTRONICS CORPORATION OF TAMIL NADU LIMITED
CHENNAI – 35. (ELCOT)
692, II Floor, M.H.U. Complex, Anna Salai, Nandanam, Chennai-600 035
e-mail: md@elcot.in URL: www.elcot.in
TENDER NOTICE
ELCOT invites bids for supply of the following tender

Tender No.	ELCOT/Proc/OT/33613/ DGPS & Handheld GPS (WRD)/2022-23	ELCOT/Proc/OT/33651/ Supply, Installation and Commissioning of Networking equipments for IFHRMS/2022-23	ELCOT/Proc/OT/33652/ Supply, Installation and Commissioning of System Software, Storage Augmentation & Security Hardware for IFHRMS/2022-23	ELCOT/Proc/OT/33648/ Supply, Installation and Commissioning Exadata Servers, Migration and Upgradation of existing applications of IFHRMS/2022-23
Tender Details	Supply and Installation of Differential Global Positioning System equipments (DGPS) and Handheld Global Positioning System equipments.	Supply, Installation and Commissioning of Networking equipment for IFHRMS	Supply, Installation and Commissioning of System Software, Storage Augmentation & Security Hardware for IFHRMS	Supply, Installation and Commissioning Exadata servers and migration of existing applications with data
Pre- Bid Meeting	26.12.2022 @ 11.00 AM	21.12.2022 @ 11.00 AM	22.12.2022 @ 11.00 AM	23.12.2022 @ 11.00 AM
Tender Submission Due date and Time	18.01.2023 @ 03.30 PM	19.01.2023 @ 03.00 PM	20.01.2023 @ 03.00 PM	18.01.2023 @ 03.00 PM
Tender Opening Date & Time	18.01.2023 @ 04.30 PM	19.01.2023 @ 04.00 PM	20.01.2023 @ 04.00 PM	18.01.2023 @ 04.00 PM
Earnest Money Deposit	Rs. 4,00,000/-	Rs. 5,00,000/-	Rs. 5,00,000/-	Rs. 10,00,000/-
e-Portal Charges	Rs. 11,800/-	Rs. 11,800/-	Rs. 11,800/-	Rs. 11,800/-

The Bidders may download the tender documents, help documents and user manuals from **https://tntenders.gov.in**

DIPR/5517/Tender/2022

For Managing Director,
Electronics Corporation of Tamil Nadu

'சோதனை கடந்து சுதந்திரம் அடைந்தோம் சாதனை புரிந்து சரித்திரம் படைப்போம்'

KARNATAKA POWER CORPORATION LIMITED
(RAICHUR THERMAL POWER STATION)
CIN : U85110KA1970SGC001919

No.: KPCL/2022-23/PS/WORK_INDENT 13124/CALL-2 Date: 10.12.2022

TENDER NOTIFICATION

(Two Cover System) (Through e-procurement Portal Only)

Tenders are invited through GoK e-procurement portal: **https://eproc.karnataka.gov.in** from the contractor/agencies that are reputed individuals/company and having past experience for the work of **RTPS Unit # 8: Reconditioning of released CVP Rotor (impeller and shaft) assembly including supply of spares, consumables, servicing and fitment at site.** Amount put to tender: **Rs. 22,10,820/-. EMD: Rs. 50,000/-.** Last date for submission of tender: **20.12.2022 upto 16:00Hrs.** Opening of Technical Bid: **21.12.2022 at 16:30Hrs.** Opening of Price bids of pre-qualified tenderers: **22.12.2022 after 16:30Hrs.** Further details can be had from the office of the **Executive Engineer(TM-2) / Superintending Engineer(MM-2), RTPS, KPCL, Shaktinagar - 584170. Raichur District, Karnataka.** Mobile No.: **09449596540.**

KMML The Kerala Minerals & Metals Ltd
(A Govt. of Kerala Undertaking) Sankaramangalam, Kollam,-691583
Phone : +914762666722 to 733, E-mail : contact@kmml.com,URL :www.kmml.com

TENDER NOTICE

For more details, please visit E- Tendering Portal https://etenders.kerala.gov.in.or www.kmml.com

No	Tender ID	Items
1.	2022_KMML_536991_1	For supply of 18009 MT of Calcined Petroleum Coke
2.	2022_KMML_534354_1	For supply of SS Pipe
3.	2022_KMML_535270_1	For supply of Drive pulley assembly(1 ST) and Take up and tail pulley assembly (1 ST)
4.	2022_KMML_535836_1	For supply of Inconnel Pipe and Fittings
5.	2022_KMML_535415_1	For fabrication and supply of Distributor Plate for Chlorinator Bottom
6.	2022_KMML_535234_1	For supply of Chlorinator Bricks
7.	2022_KMML_535117_1	For supply of 21,000 MT of Hydrated Lime
8.	2022_KMML_536970_1	For supply of Paper valve product bags
9.	2022_KMML_538597_1	For supply of 3,000 Nos of Jumbo Bags Polypropylene Product-Sillimanite
10	2022_KMML_539212_1	For iron oxide settling pond 1 capping with HDPE sheets/suitable materials in KMML
11	2022_KMML_538405_1	Supply,Installation, Testing and commissioning of DCS for New CAS and WTP on turnkey basis

Chavara. 14.12.2022 Sd/ Managing Director for The Kerala Minerals and Metals Ltd

GOVERNMENT OF TAMIL NADU
MADURAI HIGHWAYS, PROJECTS CIRCLE
TENDER NOTICE
T.N. No.3 / 2022-23 / SD0, Dated:12.12.2022

For and on behalf of the Governor of Tamil Nadu, **Percentage Tender under two cover system through online only** will be received upto **18.01.2023 15.00 hours** by the Superintending Engineer (H),Projects, Madurai Circle for the work of " **Forming Kamuthi By-pass road brancing from km.16/4 of Mudukulathur- Kamuthi road (MDR) and Joinig at km 30/0 of Parthibanur - Kamuthi - Aruppukottai road (SH - 47) Km 0/0-6/4 (Length of 6.40 Km)"** pertaining to Madurai (H),Projects Division

Details of works, approximate value of works, EMD, availability of tender documents and all other details are available from **23.12.2022** onwards in the Government website **https://tntenders.gov.in.** If any Changes / Corrections in the tender, it will be published in the above Government website only.

DIPR /5514/ Tender / 2022

Superintending Engineer (H), Projects, Madurai Circle.

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